



**GOVERNMENT OF TAMIL NADU
PUBLIC WORKS DEPARTMENT**

**ELECTRICAL DETAILED DATA
FOR THE YEAR 2022-2023**

2022-2023

[WITH EFFECT FROM 19.07.2022]

ANNEXURE-I**RATES OF LABOUR**


Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
I		HIGHLY SKILLED CATEGORY		
1	76A	Technical Assistant Grade-I (B.E.Passed)	Day	1153.00
2	76B	Technical Assistant Grade-II (Diploma in Engg. Passed / B.E. Failed / Degree in Geology for Ground Water Works)	Day	1039.00
3	76C	Technical Assistant Grade-III (Diploma in Engg. Failed / ITI (Civil) Passed)	Day	878.00
4	76D	Cinema Operator (ITI Passed)	Day	724.00
5	77A	Laboratory Assistant Grade-I (Post Graduate in Science)	Day	878.00
6	77B	Laboratory Assistant Grade-II (Degree in Science / Degree in Geology for Ground Water)	Day	805.00
7	77C	Laboratory Assistant Grade-III (With Degree Qualification to work as Works Clerk)	Day	724.00
8	76E	B.Sc., (Agriculture) Passed	Day	1039.00
9	89A	Computer Operator Grade-I [B.E. (Computer Science) / M.Sc., (Computer Science)]	Day	1153.00
10	89B	Computer Operator Grade-II [B.Sc. (Computer Science) / Diploma in Computer Science]	Day	1039.00
11	100	Wireman Grade-I / Electrician Grade-I	Day	783.00
II		SKILLED CATEGORY		
12	4	Blacksmith-I Class	Day	729.00
13	11	Carpenter-I Class	Day	926.00
14	15	Cleaner-First Grade	Day	492.00
15	19	Fitter-I Class	Day	836.00
16	20	Fitter (Pipe Laying / Bar Bending)-I Class	Day	821.00
17	21	Floor Polisher	Day	729.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
18	25	Hammer Mazdoor	Day	586.00
19	27	Driver (Light Duty)	Day	729.00
20	27A	Driver (Heavy Duty)	Day	778.00
21	36	Maistry, Road Inspector & Work Inspector	Day	702.00
22	36A	Maistry, Road Inspector & Work Inspector (Degree Holder)	Day	1336.00
23		Skilled Mason Class-I for Heritage Work	Day	1168.00
24		Skilled Mason Class-II for Heritage Work	Day	778.00
25	37	Mason for Brick Work-I Class	Day	947.00
26		Skilled Sthapathy Brick Mason for Heritage Work	Day	1670.00
27	38	Mason for Stone Work-I Class	Day	947.00
28		Skilled Sthapathy Stone Mason for Heritage Work	Day	1670.00
29	40	Mechanic-I Class	Day	729.00
30	44	Painter / Varnisher-I Class	Day	756.00
31	46	Pile Driver	Day	672.00
32	47	Plumber-I Class	Day	821.00
33	52	Sawyer	Day	672.00
34	54	Smith-I Class	Day	727.00
35	56	Stone Cutter-I Class	Day	727.00
36	58	Syrang-I Class	Day	727.00
37	62	Tinker-I Class	Day	586.00
38	63	Turner-I Class	Day	672.00
39	64	Time Keeper-I Class	Day	727.00
40	67	Welder / Bracer-I Class	Day	727.00
41	72	Wodder	Day	611.00
42	81	Compressor Operator	Day	642.00
43	97	Geological Assistant	Day	898.00
44	98	Stone & Crusher Operator	Day	642.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
45	101	Wireman Grade-II / Electrician Grade-II	Day	778.00
46	103	Lift Operator	Day	702.00
47	104	Laboratory Attendant	Day	523.00
48	105	Sound Service Operator	Day	586.00
49	106	Electrical Maistry	Day	898.00
III		SEMI SKILLED CATEGORY		
50	2	Axe Mazdoor	Day	577.00
51	4A	Blacksmith-II Class	Day	700.00
52	8	Bullocks Pair with Driver (with Bandy)	Day	1142.00
53	8A	Bullocks Single with Driver (with Bandy)	Day	821.00
54	12	Carpenter-II Class	Day	884.00
55	15A	Cleaner-Second Grade	Day	487.00
56	19A	Fitter-II Class	Day	812.00
57	20A	Fitter (Pipe Laying / Bar Bending)-II Class	Day	796.00
58	22	Gardener	Day	577.00
59	28	Jumper Mazdoor	Day	577.00
60	37A	Mason for Brick Work-II Class	Day	884.00
61	38A	Mason for Stone Work-II Class	Day	884.00
62	39A	Mazdoor Category-I	Day	618.00
63	39C	Head Mazdoor	Day	639.00
64	40A	Mechanic-II Class	Day	700.00
65	44A	Painter / Varnisher-II Class	Day	732.00
66	47A	Plumber-II Class	Day	796.00
67	48	Pump Driver	Day	639.00
68	54A	Smith-II Class	Day	700.00
69	56A	Stone Cutter-II Class	Day	700.00
70	58A	Syrang-II Class	Day	700.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
71	60	Thatcher	Day	611.00
72	62A	Tinker-II Class	Day	577.00
73	63A	Turner-II Class	Day	639.00
74	64A	Time Keeper-II Class	Day	700.00
75	67A	Welder / Bracer-II Class	Day	700.00
76	78A	Mazdoor employed for Geological mapping	Day	618.00
77	78B	Mazdoor employed for Pitting, Trenching, Sampling & Drilling works	Day	618.00
78	78C	Mazdoor employed for Geophysical investigation works	Day	618.00
79	78D	Head Mazdoor to Supervise exploratory works	Day	653.00
80	79	Mixer Operator (including concrete mixer)	Day	672.00
81	80	Mixer Driver	Day	639.00
82	99	Heavy Mazdoor	Day	672.00
83	102	Electrical Helper	Day	611.00
IV		UN-SKILLED CATEGORY		
84	39B	Mazdoor Category-II	Day	507.00
		IN RESPECT OF HIGHWAYS DEPARTMENT		
I		SKILLED CATEGORY		
85	95	Bitumen Heat Master Operator	Day	807.00
86	96	Bitumen Raker Man	Day	807.00
87		Mini Hot Mix Plant Operator	Day	807.00
88	55	Bitumen Sprayer Man	Day	775.00
89		Guniting Gun Operator	Day	735.00
II		SEMI SKILLED CATEGORY		
90	39A	Head Mazdoor	Day	719.00
91		Guniting Plant Operator	Day	705.00
92	39A	Mazdoor-I	Day	698.00

Sl. No.	Sch. Item No.	Description of Labour	Unit	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
III		UN-SKILLED CATEGORY		
93	39B	Mazdoor-II	Day	566.00
NOTE:				
1	The Basic Rate adopted under this Head, "Annexure-I – Rates of Labour" is exclusive of all taxes and GST.			
2a	The 9 Nos. of Rates of Labour pertaining to Highways Department has been included in this Head, based on the instructions issued by the Government vide letter No.5847 / G2 / 2022-1, PWD, dated 13.07.2022.			
2b	For night works including bridge works in all Corporation and Municipal Areas, an extra 25% over the Rates of Labour charges only may be allowed.			
2c	The extra 25% for labour rates is applicable to only items of works which are necessarily to be carried out during night with appropriate clause incorporated in the tender document. The increase is applicable on the basic rates only (excluding extra percentage provided for specified areas).			
3	The Rates of Labour other than mentioned above shall be adopted from the Schedule of Rates issued by the Engineer-in-Chief & Chief Engineer (General), Water Resources Department, Chennai-5			


Engineer-in-Chief,
Chief Engineer (General) &
Chief Engineer, Chennai Region,
PWD, Chennai-5


19/7/2022

RATES OF OTHER CONSTRUCTION MATERIALS

No extra on cost, conveyance charges shall be allowed for all the items included under this category. The rates approved therein are applicable at site of work

Sl. No.	Name of Material	Unit	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
154	GI Pipes "B" Class		
i	65mm dia	RM	244.40
ii	50mm dia	RM	209.00
iii	40mm dia	RM	163.00
iv	32mm dia	RM	151.40
v	25mm dia	RM	128.00
vi	20mm dia	RM	98.60
vii	15mm dia	RM	69.80
155	GI Specials		
A	Union		
i	50mm dia	Each	266.30
ii	40mm dia	Each	197.50
iii	32mm dia	Each	127.50
iv	25mm dia	Each	98.60
v	20mm dia	Each	69.80
vi	15mm dia	Each	58.10
B	GI Elbow		
i	50mm dia	Each	128.00
ii	40mm dia	Each	98.60
iii	32mm dia	Each	87.00
iv	25mm dia	Each	58.10
v	20mm dia	Each	25.40
vi	15mm dia	Each	15.90
C	GI Bend		
i	50mm dia	Each	116.30
ii	40mm dia	Each	87.00
iii	32mm dia	Each	69.80

iv	25mm dia	Each	52.00
v	20mm dia	Each	23.20
vi	15mm dia	Each	13.60
D	GI TEE		
i	50mm dia	Each	139.80
ii	40mm dia	Each	110.20
iii	32mm dia	Each	98.60
iv	25mm dia	Each	81.40
v	20mm dia	Each	34.70
vi	15mm dia	Each	28.60
E	GI COUPLING		
i	50mm dia	Each	69.80
ii	40mm dia	Each	58.10
iii	32mm dia	Each	46.50
iv	25mm dia	Each	28.60
v	20mm dia	Each	15.90
vi	15mm dia	Each	13.60
F	GI REDUCER		
i	50mm x 40mm dia	Each	93.20
ii	40mm x 32mm dia	Each	69.80
iii	32mm x 25mm dia	Each	52.00
iv	25mm x 20mm dia	Each	28.60
v	20mm x 15mm dia	Each	20.30
vi	40mm x 25mm dia	Each	52.00
vii	32mm x 20mm dia	Each	40.40
G	GI REDUCER ELBOW		
i	50mm x 40mm dia	Each	110.20
ii	40mm x 32mm dia	Each	93.20
iii	32mm x 25mm dia	Each	69.80
iv	25mm x 20mm dia	Each	52.00
v	20mm x 15mm dia	Each	40.40
vi	40mm x 25mm dia	Each	72.70
vii	32mm x 20mm dia	Each	57.60

H	GI REDUCER TEE		
i	50mm x 40mm dia	Each	139.80
ii	40mm x 32mm dia	Each	116.30
iii	32mm x 25mm dia	Each	98.60
iv	25mm x 20mm dia	Each	75.30
v	20mm x 15mm dia	Each	69.80
vi	40mm x 25mm dia	Each	104.70
vii	32mm x 20mm dia	Each	81.40
I	GI HEX NIPPLE		
i	50mm dia	Each	87.00
ii	40mm dia	Each	69.80
iii	32mm dia	Each	58.10
iv	25mm dia	Each	43.70
v	20mm dia	Each	34.70
vi	15mm dia	Each	23.20

RATES OF ELECTRICAL ITEMS OF WORKS

Note: No extra on cost, conveyance charges shall be allowed for all the items included under this category. The rates approved therein are applicable at site of work.

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
		RATES FOR MATERIALS: ELECTRICAL LAMPS, FITTINGS AND CONNECTED ACCESSORIES.		
I		PART "A"		
	1	INCANDESCENT BULBS 230V/250V GRADE BC/ES WITH ISI		
	a	15 Watts	Each	9.45
	b	25 Watts	Each	9.45
	c	40 Watts	Each	9.45
	d	60 Watts	Each	9.45
	e	100 Watts	Each	9.45
	f	200 Watts	Each	19.05
	2	INCANDESCENT BULB 230V/250V GRADE B.C/E.S		
	a	Colour 15 Watts	Each	11.70
	b	Blended Lamp 160 Watts	Each	232.60
	3	PL LAMP		
	a	9 Watts	Each	72.40
	b	11 Watts	Each	77.00
	c	18 Watts	Each	121.50
	d	36 Watts	Each	135.20
	4	FLUORESCENT TUBULAR LAMPS WITH ISI MARK		
	a	Cool Day Light 2 Ft. 20 Watts	Each	36.20
	b	Cool Day Light 4 Ft. 40 Watts	Each	36.20
	c	Cool Day Light 4 Ft. 36 Watts	Each	35.40
	5	4' 18W Crystal Glass LED Tube Light Fitting	Each	391.00
	6	MERCURY VAPOUR DISCHARGE LAMP 230V GRADE 3 PIN BC		
	a	80 Watts	Each	167.00
	b	125 Watts	Each	175.40
	c	250 Watts	Each	428.00
	d	400 Watts	Each	602.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	7	BOX TYPE SINGLE FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR COMPLETE WITH ISI MARK		
	a	4 Ft. 40 Watts with Ballast (Lower End)	Each	309.00
	b	4 Ft. 40 Watts with Ballast (Higher End)	Each	454.00
	8	BOX TYPE TWIN FLUORESCENT FITTING WITH COPPER CHOKE AND CONDENSOR (HPF) COMPLETE WITH ISI MARK		
	a	4 Ft. 40 Watts with Ballast (Lower End)	Each	579.00
	b	4 Ft. 40 Watts with Ballast (Higher End)	Each	758.00
	9	INDUSTRIAL TYPE FLUORESCENT FITTING STOVE ENAMELLED WITH COPPER CHOKE AND CONDENSOR (HPF) 4' 40 W		
	a	Single type suitable for 1 No. Tube	Each	855.00
	b	Twin type suitable for 2 Nos. Tube	Each	1050.00
	10	DECORATIVE TWIN FLUORESCENT TYPE FITTING WITH COPPER CHOKE & CONDENSOR COMPLETE SUITABLE FOR 2 Nos. FLUORESCENT TUBES		
	a	4' 40 W Twin Mirror Optic Recessed Mounting Type Fitting (Lower End)	Each	1474.00
	b	4' 40 W Twin Mirror Optic Recessed Mounting Type Fitting (Higher End)	Each	1949.00
	c	4' 40 W Twin Mirror Optic Suspension Type Fitting	Each	2658.00
	11	SINGLE TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR THE ONE No. FLUORESCENT TUBE WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a	4 Ft. 40 Watts Type	Each	648.00
	12	TWIN TYPE STREET LIGHT FLUORESCENT FITTING SUITABLE FOR 2 Nos. FLUORESCENT TUBES WITH COPPER CHOKE & CONDENSOR COMPLETE		
	a	4 Ft. 40 Watts Type	Each	872.00
	13	POST TOP LANTERN FITTING OF INTEGRAL TYPE WITH COPPER CHOKE & CONDENSOR & NECESSARY ACCESSORIES (SPHERICAL / RIBBED / CONICAL ACRYLIC COVER)		
	a	Suitable for 125 Watts MV Lamp	Each	3141.00
	b	Suitable for 70 Watts SV Lamp	Each	3310.00
	c	Post top lantern fitting with SC holder suitable for 160W Blended Lamp / Incandescent Lamp	Each	1807.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	14	CFL STREET LIGHT FITTINGS (COMPACT FLOURESCENT LAMP)		Higher End	Lower End
	a	T5 Street Light (IP65) with EB / 4 x 14W T5	Each	3742.00	2993.00
	b	T5 Street Light (IP65) with EB / 4 x 24W T5	Each	4135.00	3307.00
	c	1 x 9W CFL Street Light	Each	861.00	687.00
	d	1 x 11W CFL Street Light	Each	861.00	687.00
	e	1 x 13W CFL Street Light	Each	866.00	687.00
	f	1 x 18W CFL Street Light	Each	866.00	690.00
	g	2 x 9W CFL Street Light	Each	825.00	659.00
	h	2 x 11W CFL Street Light	Each	1007.00	806.00
	i	2 x 13W CFL Street Light	Each	1007.00	806.00
	j	2 x 18W CFL Street Light	Each	1007.00	806.00
	k	1 x 36 CFL Street Light	Each	1030.00	824.00
	l	45-1 x 45W 4U Retro CFL B22 Street Light	Each	961.00	770.00
	m	CFL - 1 x 85W CFL E27 Street Light	Each	1560.00	1252.00
	n	CFL - 1 x 85W CFL B22 Street Light	Each	1560.00	1252.00
	o	36WFP-LHF(MS) Street Light	Each	1626.00	1299.00
	p	36WFP-LHF(AL) Street Light	Each	1807.00	1442.00
	q	T5 1 x 24W FTL T5 Street Light	Each	1686.00	1348.00
	r	T5 2 x 14W FTL T5 Street Light	Each	1863.00	1494.00
	s	T5 2 x 24W FTL T5 Street Light	Each	1954.00	1564.00
	t	FTL 1 x 36 / 40W FTL Street Light	Each	1353.00	1082.00
	u	FTL 2 x 36 / 40W FTL Street Light	Each	1929.00	1543.00
	15	4 FEET LED FITTING		Higher End	Lower End
	a	18W 4 Feet LED Fitting with LED	Each	761.00	648.00
	b	20W 4 Feet LED Fitting with LED	Each	772.00	756.00
	c	1 x 18W / 22W 4 Feet LED Fitting without LED Tube	Each	301.00	
	d	2 x 22W 4 Feet LED Fitting without LED Tube	Each	351.00	
	e	20W LED Tube Light for T8 Fitting (Single Side)	Each	618.00	
	f	20W LED Tube Light for T8 Fitting (Double Side)	Each	382.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	g	18W LED Tube Light for T8 Fitting (Single Side)	Each	609.00	
	h	18W LED Tube Light for T8 Fitting (Double Side)	Each	374.00	
	i	7W / 9W LED Bulb	Each	135.00	
	j	15W LED Bulb	Each	270.00	
	16	LED INDOOR FITTINGS (LIGHT EMITTING DIODE)		Higher End	Lower End
	a	24W LED 4000K 2 x 2 Square Type Recessed Fitting with LED	Each	3543.00	2511.00
	b	18W LED 3000K Square Type Recessed Fitting with LED	Each	1384.00	913.00
	c	18W LED 3000K Round Type Recessed Fitting with LED	Each	1258.00	992.00
	17	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE)		Higher End	
	a	30W LED Street Light Fitting with LED	Each	2527.00	
	b	48W LED Street Light Fitting with LED	Each	4992.00	
	c	80W LED Focus Light Fitting with LED	Each	11890.00	
	d	120W LED Street Light Fitting with LED	Each	14050.00	
	e	150W LED Street Light Fitting with LED	Each	17520.00	
	18	LED OUTDOOR FITTINGS (LIGHT EMITTING DIODE)		Lower End	
	a	25W LED Street Light Fitting with LED	Each	1193.00	
	b	30W LED Street Light Fitting with LED	Each	1856.00	
	c	60W LED Street Light Fitting with LED	Each	3669.00	
	d	120W LED Street Light Fitting with LED	Each	11890.00	
	e	150W LED Street Light Fitting with LED	Each	14050.00	
	19	LED FLOOD LIGHT		Higher End	
	a	LED Flood Light 100W with Integrated Driver	Each	9468.00	
	b	LED Flood Light 120W with Integrated Driver	Each	10365.00	
	c	LED Flood Light 150W with Integrated Driver	Each	13060.00	
	20	TIMER SWITCHES			
	a	24 Hours Analog Timer Switch with Shortest Switching Time 30 Minutes	Each	2304.00	
	b	24 Hours Programmable Timer Switch with Shortest Switching Time 15 Minutes	Each	2448.00	
	c	Digital Weekly Programmable Timer Switch with Shortest Switching Time 1 Minute	Each	2294.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	d	Astronomical Weekly Programmable Timer Switch	Each	2641.00
	e	Staircase Light Timer Switch Adjustable Range 5 to 20 Minutes	Each	1213.00
	21	63A 3 Phase 4 Pole Contactor		5381.00
	22	STARTERS FOR FLUORESCENT TUBES		
	a	Starters of capacity 20 Watts	Each	9.45
	b	Starters of capacity 40 Watts / 36 Watts	Each	9.45
	23	POLYSTER FILLED COPPER CHOKE 250V / 50HZ GRADE SUITABLE FOR		
	a	20 Watts Fluorescent Tube	Each	206.50
	b	40 Watts Fluorescent Tube	Each	206.50
	c	36 / 40W Electronic Ballast for Fluorescent Tube (Higher End)	Each	342.40
	d	36 / 40W Electronic Ballast for Fluorescent Tube (Lower End)	Each	279.20
	24	CONDENSOR FOR SV / MV LAMP		
	a	8 Mfd for 80 Watts Bulb	Each	104.40
	b	10 Mfd for 125 Watts Bulb	Each	125.00
	c	15 Mfd for 250 Watts Bulb	Each	166.50
	d	20 Mfd for 400 Watts Bulb	Each	230.30
	25	Battern Type Bakelite Holder for Lamp	Each	16.65
	26	Water Tight Bulk Head Fitting suitable for 100 / 60 Watts Lamp with Guard Heavy Type	Each	277.60
	27	Ceiling Rose	Each	13.80
	28	Ceiling Fixtures 250 / 300mm complete with gallery, etc. Clear Glass Opac / Crystal suitable for 40 / 60 Watts Bulb	Each	164.00
	29	Ceiling Luminaire with Mirror Optics suitable for 2 Nos. 9 Watts / 11 Watts	Each	1039.00
		(For Items 7 to 14, 27 & 28 the rates are exclusive of cost of Tubes and Lamps)		
	30	Fan Clamp (Dia 12mm) with 6mm MS Side Plates & 45cm Cross Arm	Each	110.90
	31	CALL BELLS		
	a	Call Bell / Buzzer 6mm suitable for AC / DC	Each	41.70
	b	Push Bell	Each	16.65

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	c	Gong Bell 9" size suitable for 250V	Each	417.00
	d	Gong Bell 12" size suitable for 250V	Each	602.00
	32	WATER HEATER WITH ISI MARK		
	a	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Higher End)	Each	8256.00
	b	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 25 Litres capacity 230V / 1000W (Lower End)	Each	6112.00
	c	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Higher End)	Each	9481.00
	d	Automatic Electrical Water Heater with copper container, with Glass Wool / Puf Insulation with MS powder coated shell suitable for 35 Litres capacity 230V / 1000W (Lower End)	Each	7081.00
II		PART "B"		
	1	FANS - CONFORMING TO ISS		
	a	AC Ceiling Fan complete 1200 mm (48") Sweep with 300mm Down Rod (without Regulator)	Each	1366.00
	b	AC Ceiling Fan Complete 1400 mm (56") Sweep with 300mm Down Rod (without Regulator)	Each	1465.00
	c	Stepped Electronic 300W / 450W Square Type Fan Regulator	Each	232.60
	d	Dimmer Type Electronic 300W / 450W Square Type Fan Regulator	Each	185.90
	e	AC Ceiling Fan complete 1200mm (48") Sweep with 300mm Down Rod (without Regulator) (Higher End)	Each	1549.00
	f	AC Ceiling Fan complete 1400mm (56") Sweep with 300mm Down Rod (without Regulator) (Lower End)	Each	1671.00
	2	EXHAUST FANS		
	a	AC Exhaust Fan 225mm (9") Sweep (Light Duty)	Each	1265.00
	b	AC Exhaust Fan 300mm (12") Sweep (Light Duty)	Each	1447.00
	c	AC Exhaust Fan 375mm (15") Sweep (Light Duty)	Each	1492.00
	d	AC Exhaust Fan 450mm (18") Sweep (Light Duty)	Each	2100.00
	e	AC Exhaust Fan 300mm (12") Sweep (Heavy Duty)	Each	2160.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	f	AC Exhaust Fan 375mm (15") Sweep (Heavy Duty)	Each	2758.00	
	g	AC Exhaust Fan 450mm (18") Sweep (Heavy Duty)	Each	3430.00	
	3	LOUVER SHUTTERS ARRANGEMENTS			
	a	MS / Fibre Louvers Shutters arrangements for 300mm AC Exhaust Fan	Each	222.90	
	b	MS / Fibre Louvers Shutters arrangements for 375mm AC Exhaust Fan	Each	236.20	
	c	MS / Fibre Louvers Shutters arrangements for 450mm AC Exhaust Fan	Each	264.30	
	4	CEILING FAN		Higher End	Lower End
	a	48" Ceiling Fan 5 Star Rated (without Regulator)	Each	1746.00	1553.00
	b	48" Ceiling Fan High Speed (without Regulator)	Each	1736.00	
	c	56" Ceiling Fan High Speed (without Regulator)	Each	2498.00	
	d	BEE Energy efficient 1200mm sweep ceiling fan 5 star rated, inverter driven controlled by microprocessor with 300mm down rod with regulator/ remote control (35 W)	Each	3140.00	
	5	WALL MOUNTING FAN			
	a	300mm Sweep	Each	2592.00	
	b	400mm Sweep	Each	2721.00	
	c	450mm Sweep	Each	4455.00	
	6	DIMMER AND REGULATOR		Higher End	Lower End
	a	Fan Step Regulator 100W - 1 Module	Each	341.00	245.00
	b	Fan Step Regulator 100W - 2 Module	Each	388.00	279.00
III		PART "C"			
	1	SWITCHES			
	a	5 Amps (Flush Type)	Dozen	194.50	
	b	5 Amps (Flush Type Staircase)	Dozen	241.30	
	2	DOUBLE POLE SWITCHES			
	a	16 Amps DP Switch with Metal Clad (Front Handle)	Each	417.00	
	b	32 Amps DP Switch with Metal Clad (Front Handle)	Each	855.00	
	c	16 Amps DP Switch with Metal Clad (Side Handle)	Each	344.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	d	32 Amps DP Switch with Metal Clad (Side Handle)	Each	775.00
	3	TRIPLE POLE SWITCHES (SIDE HANDLE)		
	a	100 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	5870.00
	b	125 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	6436.00
	c	200 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	8320.00
	d	315 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	11800.00
	e	400 Amps TPN Switch with HRC Fuses Sheet Steel Double Break	Each	15190.00
	f	16 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	889.00
	g	32 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	1315.00
	h	63 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	2866.00
	i	100 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	5643.00
	j	200 Amps TPN Metal Clad Switch with Re-wirable Fuse Units	Each	8568.00
	4	SWITCH DISCONNECTOR FUSE UNITS IN SHEET STEEL ENCLOSURE (SDF)		
	a	63A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	3625.00
	b	100A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	6098.00
	c	125A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	7200.00
	d	200A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	9044.00
	e	250A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	11275.00
	f	315A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	13520.00
	g	400A TPN Switch Disconnecter Fuse Units in Sheet Steel Enclosure with HRC fuses Double Break	Each	15510.00
	5	SWITCH DISCONNECTOR FUSE UNITS IN OPEN EXECUTION (INTERIOR FOR CUBICAL)		
	a	63A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	2395.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	100A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	4357.00
	c	125A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	5943.00
	d	200A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	7669.00
	e	250A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	9990.00
	f	315A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	12560.00
	g	400A TPN Switch Disconnecter Fuse Units interior only with HRC Fuses Double Break	Each	14820.00
	6	FUSE UNITS		
	a	16 Amps Porcelain Fuse Unit (500V)	Each	48.05
	b	32 Amps Porcelain Fuse Unit (500V)	Each	85.20
	c	63 Amps Porcelain Fuse Unit (500V)	Each	190.20
	d	100Amps Porcelain Fuse Unit (500V)	Each	343.70
	e	200 Amps Porcelain Fuse Unit (500V)	Each	555.00
	7	SINGLE PHASE DBS		
	a	4 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	462.00
	b	6 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	631.00
	c	8 Way DB 16 Amps / Way with Fuse & Neutral each (250V)	Each	780.00
	8	THREE PHASE DBS		
	a	4 Way TPDB 16A / Way with Fuse & Neutral Link	Each	1827.00
	b	6 Way TPDB 16A / Way with Fuse & Neutral Link	Each	2502.00
	c	8 Way TPDB 16A / Way with Fuse & Neutral Link	Each	3027.00
	d	4 Way TPDB 32A / Way with Fuse & Neutral Link	Each	2311.00
	e	6 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3093.00
	f	8 Way TPDB 32A / Way with Fuse & Neutral Link	Each	3912.00
	g	4 Way TPDB 63A / Way with Fuse & Neutral Link	Each	5411.00
	h	6 Way TPDB 63A / Way with Fuse & Neutral Link	Each	6960.00
	9	CHANGE OVER SWITCHES		
	a	16 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1258.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	b	32 Amps Three Phase 500V 4 Pole Change Over Switch	Each	1490.00	
	c	63 Amps Three Phase 500V 4 Pole Change Over Switch	Each	3257.00	
	d	100 Amps Three Phase 500V 4 Pole Change Over Switch	Each	5178.00	
	e	125A 4 Pole Change Over Switch	Each	8938.00	
	f	200 Amps Three Phase 500V 4 Pole Change Over Switch	Each	9743.00	
	g	250 Amps Three Phase 4 Pole Change Over Switch	Each	20610.00	
	h	400 Amps 3 Three Phase 4 Pole Change Over Switch	Each	31500.00	
	10	MODULAR SWITCHES		Higher End	Lower End
	A	Switches 6A - 230V			
	a	6A Switch 1W - 1 Module	Each	78.15	57.55
	b	6A Switch 2W - 1 Module	Each	95.50	67.80
	c	6A Switch 1W - 1 Module with Indicator	Each	105.00	74.90
	d	6A Switch 1W - 1 Module with 'Light' Marking	Each	84.30	60.00
	e	6A Switch 1W - 1 Module with 'Fan' Marking	Each	84.30	60.00
	B	Switches 16A - 230V			
	a	16A Switch 1W - 1 Module	Each	117.90	84.30
	b	16A Switch 2W - 1 Module	Each	145.60	105.00
	c	16A Switch 1W with Indicator - 1 Module	Each	138.60	99.80
	C	Switches 20A - 230V			
	a	20A 1W Switch - 1 Module	Each	153.30	110.10
	b	20A DP 1W Switch - 2 Module	Each	255.90	182.80
	c	20A DP 1W Switch with Indicator - 2 Module	Each	269.60	194.50
	D	Switches 25A - 230V			
	a	25A SP 1W Switch with Indicator - 1 Module	Each	166.80	120.30
	E	Switches 32A - 230V			
	a	32A DP Switch with Indicator - 2 Module	Each	325.20	235.80
	11	PUSH BUTTONS			
	a	6A Push Button SP - 1 Module	Each	105.70	76.50
	b	6A Push Button SP with Indicator - 1 Module	Each	137.40	98.90
	c	6A Bell Push - 1 Module	Each	105.00	74.90

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	d	6A Bell push with Indicator - 1 Module	Each	129.90	93.00
	e	6A Bell Push - 2 Module	Each	137.30	98.90
	f	6A Bell Push with Indicator - 2 Module	Each	161.60	116.20
	12	MOTOR STARTER			
	a	25A Motor Starter - 2 Module	Each	301.70	217.20
	13	FLUSH MOUNTING BOXES (GI)			
	a	Flush Box - 1/2 Module	Each	38.00	27.50
	b	Flush Box - 3 Module	Each	44.60	32.40
	c	Flush Box - 4 Module	Each	54.40	38.90
	d	Flush Box - 6 Module	Each	85.30	61.70
	e	Flush Box - 8 Module	Each	104.70	75.50
	f	Flush Box - 8 Module (2 row x 4)	Each	105.50	76.30
	g	Flush Box - 12/16 (2 row x 6) Module Metal Box	Each	141.40	101.60
	h	Flush Box - 18 Module Metal Box	Each	160.80	115.40
	14	SURFACE MOUNTING BOXES (PLASTIC)			
	a	Surface Box - 1/2 Module	Each	43.00	30.60
	b	Surface Box - 3 Module	Each	45.45	33.00
	c	Surface Box - 4 Module	Each	58.60	42.10
	d	Surface Box - 6 Module	Each	76.10	55.40
	e	Surface Box - 8 Module	Each	92.80	67.00
	f	Surface Box - 8 (2 row x 4) Module	Each	107.60	77.70
	g	Metal Surface Box - 12/16 (2 row x 6) Module	Each	163.20	117.20
	h	Metal Surface Box - 18 Module	Each	208.00	149.10
	15	COMBINED PLATES (PLASTIC)			
	a	1 Module Cover Plate	Each	63.70	46.20
	b	2 Module Cover Plate	Each	67.00	47.80
	c	3 Module Cover Plate	Each	81.10	57.70
	d	4 Module Cover Plate	Each	90.10	64.50
	e	6 Module Cover Plate	Each	126.70	91.00
	f	8 Module Cover Plate	Each	161.50	115.90
	g	8 Module Cover Plate (H)	Each	162.30	137.30

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	h	12 Module Cover Plate	Each	202.20	145.90
	i	18 Module Cover Plate	Each	255.40	183.10
	16	COMBINED PLATES (ALUMINIUM)			
	a	1 Module Cover Plate	Each	144.50	104.00
	b	2 Module Cover Plate	Each	151.90	106.10
	c	3 Module Cover Plate	Each	164.80	118.80
	d	4 Module Cover Plate	Each	186.00	133.40
	e	6 Module Cover Plate	Each	316.20	228.50
	f	8 Module Cover Plate	Each	349.20	252.60
	g	8 Module Cover Plate (H)	Each	444.00	319.60
	h	12 Module Cover Plate	Each	577.00	416.00
	i	18 Module Cover Plate	Each	760.80	547.50
	17	SOCKET - 230V		Higher End	Lower End
	a	16A 3 Pin Switched Socket - 3 Module	Each	387.60	279.90
	b	6A 5 pin Universal Socket - 2 Module	Each	120.30	87.40
	c	6/16A Socket - 3 Module	Each	218.20	157.40
	d	6/16A Socket - 2 Module	Each	185.30	132.80
IV		PART "D"			
	1	PLUG AND SOCKETS			
	a	5 Amps 3 Pin & 2 Pin Combined Flush Type Wall Socket only	Each	24.10	
	b	5 Amps / 15 Amps 3 Pin Flush Type Wall Socket only	Each	54.50	
	c	5 Amps 3 Pin Top	Each	34.20	
	d	15 Amps 3 Pin Top	Each	48.45	
	e	15 Amps Flush Type Switch	Each	56.55	
	f	10 Amps MC Plug with 3 Pin Top	Each	180.70	
	g	20 Amps MC Plug with 3 Pin Top	Each	206.00	
	h	25A Flush type Wall Socket with 25A DP MCB for AC Plug	Each	811.00	
	2	SINGLE PHASE WATT HOUR METERS			
	a	AC Single Phase 230V / 250V, 50HZ 5 Amps Watt Hour Meter	Each	963.50	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	AC Single Phase 230V / 250V, 50HZ 10 Amps Watt Hour Meter.	Each	963.50
	c	AC Single Phase 230V / 250V, 50HZ 20 Amps Watt Hour Meter	Each	963.50
	3	THREE PHASE WATT HOUR METERS		
	a	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 10 Amps Watt Hour Meter	Each	1987.00
	b	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 25 Amps Watt Hour Meter	Each	1987.00
	c	AC 3 Phase 400V 50HZ unbalanced load 4 Wire 50 Amps Watt Hour Meter	Each	2516.00
V		PART "E"		
	1	SERVICE CONNECTION ACCESSORIES L.T. 1100V PVC ALUMINIUM ARMoured UNDER GROUND CABLE WITH ISI MARK		
	a	2 core 6 sq.mm. PVC Armoured UG Cable	Metre	97.90
	b	2 core 10 sq.mm. PVC Armoured UG Cable	Metre	119.20
	c	2 core 16 sq.mm. PVC Armoured UG Cable	Metre	129.40
	d	2 core 25 sq.mm. PVC Armoured UG Cable	Metre	146.90
	e	3 ¹ / ₂ core 25 sq.mm. PVC Armoured UG Cable	Metre	221.60
	f	3 ¹ / ₂ core 35 sq.mm. PVC Armoured UG Cable	Metre	260.90
	g	3 ¹ / ₂ core 50 sq.mm. PVC Armoured UG Cable	Metre	339.80
	h	3 ¹ / ₂ core 70 sq.mm. PVC Armoured UG Cable	Metre	436.00
	i	3 ¹ / ₂ core 95 sq.mm. PVC Armoured UG Cable	Metre	564.00
	j	3 ¹ / ₂ core 120 sq.mm. PVC Armoured UG Cable	Metre	689.00
	k	3 ¹ / ₂ core 150 sq.mm. PVC Armoured UG Cable	Metre	816.00
	l	3 ¹ / ₂ core 185 sq.mm. PVC Armoured UG Cable	Metre	996.00
	m	3 ¹ / ₂ core 240 sq.mm. PVC Armoured UG Cable	Metre	1263.00
	n	3 ¹ / ₂ core 300 sq.mm. PVC Armoured UG Cable	Metre	1550.00
	o	3 ¹ / ₂ core 400 sq.mm. PVC Armoured UG Cable	Metre	1977.00
	p	4 core 6 sq.mm. PVC Armoured UG Cable	Metre	126.90
	q	4 core 10 sq.mm. PVC Armoured UG Cable	Metre	139.10
	r	4 core 16 sq.mm. PVC Armoured UG Cable	Metre	183.20

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	2	PVC INSULATED SINGLE CORE MULTI STRAND FIRE RETARDANT FLEXIBLE COPPER CABLE WITH ISI MARK CONFORMING TO IS		
	a	14 / 0.3 (1.0 sq.mm.)	Metre	10.45
	b	22 / 0.3 (1.5 sq.mm.)	Metre	16.55
	c	36 / 0.3 (2.5 sq.mm.)	Metre	25.75
	d	56 / 0.3 (4 sq.mm.)	Metre	40.95
	e	84 / 0.3 (6 sq.mm.)	Metre	60.65
	f	140 / 0.3 (10 sq.mm.)	Metre	91.25
	g	101 / 0.45 (16 sq.mm.)	Metre	149.25
	h	168 / 0.45 (25 sq.mm.)	Metre	327.80
	3	CONDUCTOR		
	a	Hard Drawn Copper Conductor (Gauge No. 8&6)	KG	615.00
	b	14 SWG TC Wire	KG	630.00
	c	GI No.8 Wire and No.6 Wire	KG	101.50
	4	CABLE GLANDS		
	a	Cable Gland suitable for 2 core 4 sq.mm. UG Cable	Each	18.30
	b	Cable Gland suitable for 2 core 6 sq.mm. UG Cable	Each	22.90
	c	Cable Gland suitable for 2 core 10 sq.mm. UG Cable	Each	27.40
	d	Cable Gland suitable for 2 core 16 sq.mm. UG Cable	Each	40.60
	e	Cable Gland suitable for 2 core 25 sq.mm. UG Cable	Each	48.45
	f	Cable Gland suitable for 3 ¹ / ₂ core 25 sq.mm. UG Cable	Each	48.45
	g	Cable Gland suitable for 3 ¹ / ₂ core 35 sq.mm. UG Cable	Each	61.70
	h	Cable Gland suitable for 3 ¹ / ₂ core 50 sq.mm. UG Cable	Each	61.70
	I	Cable Gland suitable for 3 ¹ / ₂ core 70 sq.mm. UG Cable	Each	76.10
	j	Cable Gland suitable for 3 ¹ / ₂ core 95 sq.mm. UG Cable	Each	92.90
	k	Cable Gland suitable for 3 ¹ / ₂ core 120 sq.mm. UG Cable	Each	118.30
	l	Cable Gland suitable for 3 ¹ / ₂ core 150 sq.mm. UG Cable	Each	155.70
	m	Cable Gland suitable for 3 ¹ / ₂ core 185 sq.mm. UG Cable	Each	184.20
	n	Cable Gland suitable for 3 ¹ / ₂ core 240 sq.mm. UG Cable	Each	184.20
	o	Cable Gland suitable for 3 ¹ / ₂ core 300 sq.mm. UG Cable	Each	219.90
	p	Cable Gland suitable for 3 ¹ / ₂ core 400 sq.mm. UG Cable	Each	313.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	q	Cable Gland suitable for 3 ¹ / ₂ core 500 sq.mm. UG Cable	Each	364.90
	r	Cable Gland suitable for 4 core 6 sq.mm. UG Cable	Each	22.90
	s	Cable Gland suitable for 4 core 10 sq.mm. UG Cable	Each	27.40
	t	Cable Gland suitable for 4 core 25 sq.mm. UG Cable	Each	48.45
	5	FUSE WIRE (COPPER)		
	a	5 Amps Fuse Wire	KG	615.00
	b	10 Amps Fuse Wire	KG	615.00
	c	20 Amps Fuse Wire	KG	615.00
	6	NEUTRAL LINK 15 AMPS		
	a	4 Way Neutral Link	Each	30.40
	b	6 Way Neutral Link	Each	45.10
	c	8 Way Neutral Link	Each	56.20
	d	12 Way Neutral Link	Each	81.80
VI		PART "F"		
	1	MS BOX WITH PAINTING (16 SWG)		
	a	MS Box of size 100 x 100 x 75 mm	Each	51.10
	b	MS Box of size 150 x 100 x 75 mm	Each	70.70
	c	MS Box of size 200 x 150 x 75 mm	Each	115.10
	d	MS Box complete with Lock & Key arrangements with painting of size 300 x 200 x 100mm	Each	348.00
	2	Synthetic Moulded Compound Box for Street Light	Each	947.00
VII		PART "G"		
	1	MS ANGLES		
	a	1 ¹ / ₂ "x1 ¹ / ₂ "x1 ¹ / ₄ " (37.5 x 37.5 x 6.24mm) (1M=3.25 kg)	KG	57.60
	b	1 ¹ / ₂ " x 1 ¹ / ₂ " x 1 ¹ / ₂ " (37.5 x 37.5 x 12.5mm)	KG	57.60
	c	2" x 2" x 1 ¹ / ₂ " (50 x 50 x 12.5mm)	KG	57.60
	2	ALUMINIUM FLAT		
	a	Aluminium Flat (1" x 1 ¹ / ₄ ") (25 x 6.25mm)	KG	176.50
	b	Aluminium Flat (1" x 1 ¹ / ₈ ")	KG	176.50
	3	COPPER FLAT		
	a	Copper Flat (25 x 3mm)	KG	562.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	Copper Flat (25 x 6mm)	KG	562.00
	c	Copper Flat (33 x 6mm)	KG	562.00
	d	Copper Flat (50 x 6mm)	KG	562.00
	4	POWER CAPACITOR		
	a	Power capacitor for power factor improvement with oil filled with discharge resistance 3 phase 415 / 440V 50 HZ conforming to ISS with ISI marking	KVAR	318.00
	5	Plate Earthing	Each	11200.00
VIII		PART "H"		
	1	CONDUIT MATERIALS 16 GAUGE		
	a	Conduit Pipe 16mm (5/8") Heavy Gauge	Metre	34.90
	b	Conduit Pipe 19mm (3/4") Heavy Gauge	Metre	36.20
	c	Conduit Pipe 25mm (1") Heavy Gauge	Metre	44.40
	d	Conduit Pipe 32mm (1 1/4") Heavy Gauge	Metre	58.50
	e	Conduit Pipe 38mm (1 1/2") Heavy Gauge	Metre	68.90
	2	CONDUIT TEE BENDS		
	a	Conduit Tee Bend 16mm (5/8")	Dozen	98.20
	b	Conduit Tee Bend 19mm (3/4")	Dozen	99.30
	c	Conduit Tee Bend 25mm (1")	Dozen	119.20
	d	Conduit Tee Bend 32mm (1 1/4")	Dozen	123.40
	e	Conduit Tee Bend 38mm (1 1/2")	Dozen	153.80
	f	Conduit Tee Bend 50mm (2")	Dozen	192.20
	3	CONDUIT BENDS - 16 GAUGE		
	a	Conduit Solid Bend 16mm (5/8")	Dozen	93.00
	b	Conduit Solid Bend 19mm (3/4")	Dozen	103.50
	c	Conduit Solid Bend 25mm (1")	Dozen	122.30
	d	Conduit Solid Bend 32mm (1 1/4")	Dozen	144.50
	e	Conduit Solid Bend 38mm (1 1/2")	Dozen	205.00
	f	Conduit Solid Bend 50mm (2")	Dozen	251.00
	4	CONDUIT INSPECTION BEND-16 GAUGE		
	a	Conduit Inspection Bend 16mm (5/8")	Dozen	93.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	Conduit Inspection Bend 19mm (3/4")	Dozen	96.20
	c	Conduit Inspection Bend 25mm (1")	Dozen	123.40
	d	Conduit Inspection Bend 32mm (1 1/4")	Dozen	148.70
	e	Conduit Inspection Bend 38mm (1 1/2")	Dozen	192.50
	f	Conduit Inspection Bend 50mm (2")	Dozen	218.70
	g	Conduit Inspection Bend 65mm (2 1/2")	Dozen	281.60
	5	HDPE PIPE		
	a	HDPE Pipe 50mm / 38mm	RM	103.00
	b	HDPE Pipe 90mm / 76mm	RM	212.00
	c	HDPE Pipe 120mm / 103.50mm	RM	264.60
	6	CABLE TRAY		
	a	GI Hot Dip / Powder Coated 16 SWG Cable Tray with 150mm width and 50mm height	RM	328.20
	b	GI Hot Dip / Powder Coated 16 SWG Cable Tray with 300mm width and 50mm height	RM	399.60
IX		PART "I"		
	1	PVC (RIGID) PIPES (1.8MM THICK) WITH ISI		
	a	PVC Rigid Pipe 16mm (5/8")	Metre	13.75
	b	PVC Rigid Pipe 20mm (3/4")	Metre	20.00
	c	PVC Rigid Pipe 25mm (1")	Metre	29.80
	d	PVC Rigid Pipe 32mm (1 1/4")	Metre	45.10
	e	PVC Rigid Pipe 40mm (1 1/2")	Metre	64.40
	f	PVC Rigid Pipe 50mm (2")	Metre	96.60
	2	PVC RIGID BENDS		
	a	PVC Rigid Bend 16mm (5/8")	Each	3.15
	b	PVC Rigid Bend 20mm (3/4")	Each	3.15
	c	PVC Rigid Bend 25mm (1")	Each	4.30
	d	PVC Rigid Bend 32mm (1 1/4")	Each	7.65
	e	PVC Rigid Bend 40mm (1 1/2")	Each	19.30
	f	PVC Rigid Bend 50mm (2")	Each	23.60
	3	PVC COUPLES		
	a	PVC Couples 16mm (5/8")	Dozen	13.85

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	PVC Couples 19mm (3/4")	Dozen	13.85
	c	PVC Couples 25mm (1")	Dozen	26.95
	d	PVC Couples 32mm (1 ¹ / ₄ ")	Dozen	61.85
	e	PVC Couples 38mm (1 ¹ / ₂ ")	Dozen	132.50
	f	PVC Couples 50mm (2")	Dozen	138.30
	4	PVC TEES		
	a	PVC Tee 16mm (5/8")	Dozen	13.85
	b	PVC Tee 19mm (3/4")	Dozen	16.05
	c	PVC Tee 25mm (1")	Dozen	20.55
	d	PVC Tee 32mm (1 ¹ / ₄ ")	Dozen	92.30
	e	PVC Tee 38mm (1 ¹ / ₂ ")	Dozen	296.30
	f	PVC Tee 50mm (2")	Dozen	324.40
	5	PVC SADDLES		
	a	PVC Saddles 16mm (5/8")	Dozen	3.15
	b	PVC Saddles 19mm (3/4")	Dozen	3.60
	c	PVC Saddles 25mm (1")	Dozen	4.20
	d	PVC Saddles 32mm (1 ¹ / ₄ ")	Dozen	5.25
	e	PVC Saddles 38mm (1 ¹ / ₂ ")	Dozen	6.45
	f	PVC Saddles 50mm (2")	Dozen	12.90
	6	PVC JUNCTION BOXES		
	a	Junction Boxes 1, 2, 3 & 4 way 16mm (5/8")	Dozen	43.25
	b	Junction Boxes 1, 2, 3 & 4 way 19mm (3/4")	Dozen	43.25
	c	Junction Boxes 1, 2, 3 & 4 way 25mm (1")	Dozen	50.90
	d	Junction Boxes 1, 2, 3 & 4 way 32mm (1 ¹ / ₄ ")	Dozen	113.00
	e	Junction Boxes 1, 2, 3 & 4 way 38mm (1 ¹ / ₂ ")	Dozen	134.40
	7	PVC HYLEM SHEETS		
	a	Hylem Sheet 3mm Thick	Sq.m	661.00
	8	INSULATION TAPE PVC		
	a	PVC Insulation Tape (19mm)	Roll / 10 mtr.	16.05
	b	Empire Tape (12mm)	Roll / 10 mtr.	21.60
	c	Empire Tape (19mm)	Roll / 10 mtr.	25.90

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	9	CABLE MANAGEMENT SYSTEM			
	a	Cable Management Box with Cover			
	i	50mm x 80mm	Mtr.	954.00	
	ii	150mm x 105mm	Mtr.	1212.00	
	b	Divider	Each	207.00	
	c	Cover Joint	Each	116.00	
	d	End Cap	Each	191.90	
	e	Joint for Top Part	Each	217.00	
	f	Joint for Bottom Part	Each	262.60	
	X	PART "J"			
		TEAK WOOD MATERIALS			
	1	TW BOX CONCEALED TYPE			
	a	TW Box Concealed Type 12" x 8" x 3"	Each	69.90	
	b	TW Box Concealed Type 8" x 6" x 3"	Each	37.10	
	c	TW Box Concealed Type 6" x 4" x 3"	Each	16.50	
	d	TW Box Concealed Type 4" x 4" x 3"	Each	13.80	
	e	TW Plugs 1½" x 1" x 2"	1000 Nos.	287.00	
	f	TW Round blocks	100 Nos.	558.00	
	XI	PART "K"			
	1	CRIMPING LUGS SUITABLE FOR THE FOLLOWING SIZES			
		Size		Aluminium	Copper
	a	4.0 sq.mm.	Each	1.44	4.75
	b	6.0 sq.mm.	Each	1.60	4.75
	c	10.0 sq.mm.	Each	2.05	5.95
	d	16.0 sq.mm.	Each	2.05	7.20
	e	25.0 sq.mm.	Each	3.15	12.05
	f	35.0 sq.mm.	Each	4.15	13.30
	g	50.0 sq.mm.	Each	6.25	15.70
	h	70.0 sq.mm.	Each	8.30	25.50
	i	95.0 sq.mm.	Each	9.50	31.60

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	j	120.0 sq.mm.	Each	12.70	43.80
	k	150.0 sq.mm.	Each	16.95	56.00
	l	185.0 sq.mm.	Each	22.10	85.30
	m	225.0 sq.mm.	Each	32.90	121.80
	n	240.0 sq.mm.	Each	36.00	121.80
	o	300.0 sq.mm.	Each	50.00	164.40
	p	400.0 sq.mm.	Each	74.60	249.90
	2	CABLE ROUTE INDICATOR			
	a	Cable Route Indicator for LT Cable	Each Box	81.40	
	b	Cable Route Indicator for HT Cable	Each Box	81.40	
XII		PART "L"			
	1	BRASS SCREWS			
	a	Brass Screws (20mm) 3/4" No.6	Gross	60.15	
	b	Brass Screws (25mm) 1" No.6	Gross	64.90	
	c	Brass Screws (40mm) 1 1/2" No.6	Gross	69.40	
	d	Brass Screws (20mm) 3/4" No.8	Gross	60.15	
	e	Brass Screws (25mm) 1" No.8	Gross	64.90	
	f	Brass Screws (50mm) 2" No.10	Gross	134.30	
	g	Brass Screws (75mm) 3" No.10	Gross	198.70	
	2	Coach Screws 2" x 1/4" (50 x 6.25mm)	Dozen	11.90	
	3	CONDUIT SADDLES			
	a	Conduit Saddles 16mm (5/8")	Gross	41.00	
	b	Conduit Saddles 19mm (3/4")	Gross	43.70	
	c	Conduit Saddles 25mm (1")	Gross	51.30	
	d	Conduit Saddles 32mm (1 1/4")	Gross	66.80	
	e	Conduit Saddles 38mm (1 1/2")	Gross	82.00	
	f	Conduit Saddles 50mm (2")	Gross	92.65	
	g	Conduit Saddles 65mm (2 1/2")	Gross	105.55	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	4	SODIUM VAPOUR FITTINGS & LAMP (FOR EXTERNAL ELECTRIFICATION AND CAMPUS LIGHTING) (LOWER END)			
	a	250 Watts Sodium Vapour Fittings	Each	3055.00	
	b	250 Watts Sodium Vapour Lamp	Each	674.00	
	c	150 Watts Sodium Vapour Fittings	Each	3012.00	
	d	150 Watts Sodium Vapour Lamp	Each	577.00	
	e	70 Watts Sodium Vapour Fittings	Each	2429.00	
	f	70 Watts Sodium Vapour Lamp	Each	383.00	
	5	SODIUM VAPOUR LAMP FITTING SINGLE PIECE DIE CAST ALUMINIUM HOUSING AND LAMP FOR HEAVY TRAFFIC ROADS (HIGHER END)			
	a	400 Watts Sodium Vapour Fittings	Each	9135.00	
	b	400 Watts Sodium Vapour Lamp	Each	947.00	
	c	250 Watts Sodium Vapour Fittings	Each	6230.00	
	d	250 Watts Sodium Vapour Lamp	Each	765.00	
	e	150 Watts Sodium Vapour Fittings	Each	5845.00	
	f	150 Watts Sodium Vapour Lamp	Each	629.00	
	g	70 Watts Sodium Vapour Fittings	Each	2499.00	
	h	70 Watts Sodium Vapour Lamp	Each	433.00	
	6	MINIATURE CIRCUIT BREAKERS 240 V / 415V 50HZ - AC SUPPLY SUITABLE FOR BOTH LIGHTING AND MOTOR CIRCUITS		Higher End	Lower End
	a	Single Pole 6A to 32A, 10KA	Each	174.00	128.00
	b	Single Pole 40A, 10KA	Each	360.00	267.00
	c	Single Pole & Neutral 6A to 32A, 10KA	Each	516.00	388.00
	d	Single Pole & Neutral 40A, 10KA	Each	837.00	540.00
	e	Double Pole 6A to 32A, 10KA	Each	516.00	428.00
	f	Double Pole 40A, 10KA	Each	837.00	586.00
	g	Triple Pole 6A to 32A,10KA	Each	830.00	647.00
	h	Triple Pole 63A,10KA	Each	1262.00	1030.00
	i	Triple Pole & Neutral 6A to 32A,10KA	Each	1092.00	843.00
	j	Triple Pole & Neutral 63A, 10KA	Each	1633.00	1299.00
	k	Four Pole 6 A to 32A, 10KA	Each	1092.00	902.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	I	Four Pole 63A, 10KA	Each	1633.00	1383.00
	7	MCB			
	a	100A Triple Pole MCB	Each	6985.00	
	b	125A Triple Pole MCB	Each	7755.00	
	c	100A Four Pole MCB	Each	8915.00	
	d	125A Four Pole MCB	Each	10080.00	
	8	PLUG AND SOCKETS IN SHEET STEEL ENCLOSURE WITHOUT MCBs		Higher End	Lower End
	a	10A Single Pole	Each	854.00	505.00
	b	20A Single Pole	Each	912.00	512.00
	c	20A Double Pole	Each	987.00	--
	d	20A Triple Pole	Each	1675.00	971.00
	e	32A Triple Pole	Each	1998.00	1315.00
	f	63A Triple Pole	Each	8145.00	--
	9	SHEET STEEL ENCLOSURE FOR MCB's		Higher End	Lower End
	a	2 Pole	Each	377.00	262.00
	b	4 pole	Each	554.00	322.00
	10	RCCB / ELCB			
	a	10 Amps 30 MA DP	Each	2410.00	1771.00
	b	25 Amps 30 MA DP	Each	1987.00	1520.00
	c	40 Amps 30 MA DP	Each	2199.00	1606.00
	11	RCCB / ELCB (FOUR POLE)			
	a	25 Amps 30 MA	Each	2737.00	1876.00
	b	40 Amps 30 MA	Each	2770.00	1919.00
	c	63 Amps 30 MA	Each	3204.00	2178.00
	12	HRC - FUSES			
	a	16 Amps	Each	61.70	30.05
	b	32 Amps	Each	64.00	50.50
	c	63 Amps	Each	132.00	63.60
	d	125 Amps	Each	308.00	141.10
	e	160 Amps	Each	383.00	190.20

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	f	200 Amps	Each	395.00	190.20
	g	250 Amps	Each	551.00	281.00
	13	MCB ISOLATORS		Higher End	Lower End
	a	32A - DP	Each	270.80	--
	b	32A - TP	Each	452.00	--
	c	32A - FP	Each	518.00	--
	d	40A - DP	Each	373.00	258.00
	e	40A - TP	Each	648.00	475.00
	f	40A - FP	Each	834.00	580.00
	g	63A - DP	Each	500.00	329.00
	h	63A - TP	Each	856.00	519.00
	i	63A - FP	Each	912.00	606.00
	j	100A - DP	Each	--	425.00
	k	100A - TP	Each	941.00	675.00
	l	100A - FP	Each	961.00	739.00
	14	MCCB			
	a	63A / 100A 3 Pole MCCB	Each	6255.00	
		Rotary Handle	Each	893.00	
		Spreader Terminal	Each	237.00	
	b	160A 3 Pole MCCB	Each	11875.00	
		Rotary Handle	Each	1515.00	
		Spreader Terminal	Each	1141.00	
	c	125A 3 Pole MCCB	Each	8745.00	
	d	250A 3 Pole MCCB	Each	18025.00	
		Spreader Terminal for 250A/125A	Each	1149.00	
		Rotary Handle for 250A/125A	Each	1419.00	
	e	400A 3 Pole MCCB	Each	23785.00	
		400A Spreader Terminal	Each	1978.00	
	f	630A 3 Pole MCCB	Each	29125.00	
		630A Spreader Terminal	Each	3333.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
		Rotary Handle for 400A/ 630A	Each	2316.00	
	g	63A / 100A 4 Pole MCCB	Each	8685.00	
		Rotary Handle	Each	893.00	
		Spreader Terminal	Each	404.00	
	h	125A 4 Pole MCCB	Each	9355.00	
		Rotary Handle	Each	893.00	
		Spreader Terminal	Each	404.00	
	i	160A 4 Pole MCCB	Each	14115.00	
		Rotary Handle	Each	1515.00	
		Spreader Terminal	Each	1504.00	
	j	250A 4 Pole MCCB	Each	22025.00	
		250A Spreader Terminal	Each	1393.00	
	k	400A 4 Pole MCCB	Each	29705.00	
		400A Spreader Terminal	Each	2842.00	
	15	AIR CIRCUIT BREAKER			
	a	630A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	203300.00	
	b	800A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	203300.00	
	c	1000A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	209700.00	
	d	1250A, 4 Pole 50kA, Microprocessor Based, EDO Breaker	Each	228900.00	
	e	1600A, 4 pole 50kA, Microprocessor Based, EDO Breaker	Each	251300.00	
	16	HORIZONTAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoings and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	TPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoings ways - 12	Each	2284.00	1807.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	2812.00	2284.00
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3373.00	2802.00
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	4982.00	3807.00
	2	TPMCB DB with Acrylic Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	2654.00	--
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	3257.00	--
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	3892.00	--
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	5933.00	--
	3	Industrial Type TPMCB DB with IP54 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6442.00	--
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 18	Each	7754.00	--
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	8484.00	--
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	11712.00	--

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	17	VERTICAL THREE PHASE DISTRIBUTION BOARD WITH MCBS 4 way / 8 way / 12 way vertical TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	TPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	5458.00	4484.00
	b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	6918.00	5521.00
	c	12 ways 3 phase DB No. of ways incomer MCB/Isolatore - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	9225.00	6791.00
	2	TPMCB DB with Acrylic Door Cover with IP42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	6590.00	--
	b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	8390.00	--
	c	12 ways 3 phase DB No. of ways incomer MCB/Isolatore - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	11155.00	--
	d	6 Way Vertical TPN Distributions boards; IP43 with double door (Metal); with 12 module incomers and 18 Single Phase/Three Phase/ MCB's outgoing; as per IS	Each	10115.00	-
	3	Industrial Type TPMCB DB with IP54 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 12	Each	10195.00	--

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	b	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 24	Each	12305.00	--
	c	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of outgoing ways - 36	Each	16500.00	--
	18	7 SEGMENTS (3 TIER) 3 PHASE DISTRIBUTION BOARD WITH MCB 4 way / 6 way / 8 way / 12 way TPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single / three phase MCB outgoing and separate 4 way provision for accommodating One No. 4 pole incoming MCB / Isolator and another separate 4 way provision for accommodating One No. 4 pole ELCB / RCD (totally 8 ways in one segment) (3 x 4 ways in each segment) and separate provisions for MCB / Isolator (totally 12 Nos.) for sub incomers in 3 segments with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	TPMCB DB with Metal / Acrylic Door Cover with IP 42 Protection			
	a	4 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 12	Each	5363.00	--
	b	6 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 18	Each	6060.00	--
	c	8 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 24	Each	6759.00	--
	d	12 ways 3 phase DB No. of ways incomer MCB / Isolator - 4 No. of ways incomer ELCB / RCD - 4 No. of sub-incomers - 12 No. of outgoing ways - 36	Each	8610.00	--
	19	Vertical TPN Distribution Boards (with MCCB Incomer); Double Door; IP43, as per IS 8623 III; Impact resistance IK09; Frame MCCB Incomer & Single Phase/Three Phase MCBs as Outgoing (for power loads exceeding 100A)		Higher End	Lower End
	a	4 Way, MCCB + 12 Modules	Each	9135.00	16920.00
	b	6 Way, MCCB + 18 Modules	Each	10550.00	18430.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	c	8 Way, MCCB + 24 Modules	Each	11500.00	19670.00
	d	12 Way, MCCB + 36 Modules	Each	15320.00	20850.00
	e	16 Way, MCCB + 48 Modules	Each	18090.00	23480.00
	20	SINGLE PHASE DISTRIBUTION BOARD WITH MCBs 4 way / 8 way / 12 way vertical SPMCB sheet steel distribution boards flush type / surface type fitted with bus bars and neutral links with single phase MCB outgoing and separate 2 way provision for accommodating One No. 2 pole incoming MCB / Isolator and another separate 2 way provision for accommodating One No. 2 pole ELCB / RCD with label holder and provisions for taking up cable for size not less than 35 sq.mm.		Higher End	Lower End
	1	SPMCB DB with Metal Door Cover with IP42 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	897.00	586.00
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 6	Each	1123.00	801.00
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 10	Each	1352.00	1034.00
	2	SPMCB DB with Acrylic Door Cover with IP 42 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	1059.00	--
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 6	Each	1249.00	--
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 10	Each	1515.00	--
	3	Industrial Type SPMCB DB with IP 54 Protection			
	a	4 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoing ways - 2	Each	2706.00	--

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	b	8 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 6	Each	3171.00	--
	c	12 ways single phase DB No. of ways incomer MCB / Isolator - 2 No. of ways incomer ELCB / RCD - 2 No. of outgoings ways - 10	Each	3655.00	--
XIII		PART "M"			
	1	TRANSFORMERS		OEM	
	a	250 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	981000.00	
	b	500 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1347000.00	
	c	630 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1725000.00	
	d	1000 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	2202000.00	
	e	250 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1103000.00	
	f	500 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1469000.00	
	g	630 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	1847000.00	
	h	1000 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	2324000.00	
	i	1600 KVA, 11 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	3263000.00	
	j	1600 KVA, 22 KV / 433 V Outdoor Oil Cooled Transformer with off Circuit (As per IS 1180-Level 2)	Each	3402000.00	
	k	11KV 2 Pole HT Structure	Each	464900.00	
	l	11KV 6 Pole HT structure	Each	1530000.00	
	2	11 KV INDOOR VACCUM CIRCUIT BREAKER			
	a	11 KV, 25 KA, 630 A, HT Indoor Single Panel Vaccum Circuit Breaker complete as per specification	Each	476000.00	
	b	11 KV, 25 KA, 630 A, HT Indoor Three Panel Vaccum Circuit Breaker complete as per specification	Each	1213000.00	
	c	11 KV, 25 KA, 630 A, HT Indoor Four Panel Vaccum Circuit Breaker complete as per specification	Each	1721000.00	
	d	11 KV, 25 KA, 630 A, HT Indoor Five Panel Vaccum Circuit Breaker complete as per specification	Each	2064000.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	3	11 KV OUTDOOR VACCUUM CIRCUIT BREAKER		
	a	11 KV, 25 KA, 630 A, HT Outdoor Single Panel Vacuum Circuit Breaker complete as per specification	Each	497000.00
	b	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Vacuum Circuit Breaker complete as per specification	Each	1243000.00
	c	11 KV, 25 KA, 630 A, HT Outdoor Four Panel Vacuum Circuit Breaker complete as per specification	Each	1741000.00
	d	11 KV, 25 KA, 630 A, HT Outdoor Five Panel Vacuum Circuit Breaker complete as per specification	Each	2085000.00
	4	11 KV INDOOR RING MAIN GEAR (RMG)		
	a	11 KV, 25 KA, 630 A, HT Indoor Three Panel Ring Main Gear complete as per specification	Each	692000.00
	5	11 KV OUTDOOR RING MAIN GEAR (RMG)		
	a	11 KV, 25 KA, 630 A, HT Outdoor Three Panel Ring Main Gear complete as per specification	Each	725000.00
	6	HT CABLES		
	a	185 sq.mm. 3 core HT XLPE 11KV (E)	Mtr.	1800.00
	b	185 sq.mm. 3 core HT XLPE 11KV (UE)	Mtr.	2340.00
	c	240 sq.mm. 3 core HT XLPE 11KV (UE)	Mtr.	2755.00
	d	240 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 2402797	Mtr	2100.00
	e	300 sq.mm. 3 core HT XLPE 11KV (E) SISMV11E3 x 3002797	Mtr	2440.00
	f	300 sq.mm. 3 core HT XLPE 11KV (UE) SISMV11U3 x 3002424	Mtr	2865.00
	7	CABLES, ACCESSORIES AND KITS		
	a	120-185 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3111	Each	11770.00
	b	240-300 sq.mm. 3 core HT Cable Indoor Terminations XLPE 11KV (E) - EPKT 3121	Each	12570.00
	c	120-185 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3362	Each	16260.00
	d	240-300 sq.mm. 3 core HT Cable Outdoor Terminations XLPE 11KV (E) - EPKT 3372	Each	18290.00
	e	240-400 sq.mm. 3 core HT Cable Indoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4685	Each	16580.00
	f	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 11 KV (UE) - Belted PILC Cables - EPKT 4961	Each	21930.00
	g	150-185 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables - EPKT 5363	Each	23320.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	h	240-400 sq.mm. 3 core HT Cable Outdoor Terminations 22KV(E) Screened XLPE Cables-EPKT 5373	Each	31030.00	
	i	185-240 sq.mm 3 core HT Cables Straight Through Joints 22KV (E) Screened XLPE Cables-EPKJ 5118	Each	60990.00	
	j	300-400 sq.mm. 3 core HT Cable Straight Thorough Joints 22KV (E) Screened XLPE Cables - EPKJ 5119	Each	68150.00	
	8	SAFETY ACCESSORIES			
	a	AC Chargeable Emergency Lamp 2 x 11W PL Lamp with all connected accessories	Each	3212.00	
	b	2m x 1m Rubber Mat suitable for 11 KV installation confirming to IS	Set (5 Nos.)	18743.00	
	c	First Aid Box complete with all First Aid Medicines	Each	1712.00	
	d	Shock Treatment Chart fixed in glass frame	Each	1712.00	
	e	4 Nos. Fire Buckets made out of 40 x 40 x 6mm MS Angle	Each	4712.00	
	f	Hand Gloves 11KV Grade	Each	1927.00	
	g	Danger Board as required by the Electrical Authorities	Each	1605.00	
	h	Fire Extinguisher Co2, 4.5 kg. confirming to TAC Norms	Each	1446.00	
	i	Earth Discharge Rod	Each	3748.00	
XIV		PART "N"			
	1	SUPPLY & INSTALLATION OF AIR-CONDITIONER WITH COPPER COIL		3 Star Rated	5 Star Rated
	a	1.5 TR Split Type AC Unit	Each	33170.00	44160.00
	b	2.0 TR Split Type AC Unit	Each	44160.00	56370.00
	c	Supply and installation of 4 KVA capacity Automatic Voltage Stabilizer with time delay relay	Each	4441.00	
	d	Supply and installation of 5 KVA capacity Automatic Voltage Stabilizer with time delay relay	Each	4940.00	
	e	Supply and laying of 5/8" and 3/8" copper pipe (Extra beyond 3 metres supplied with AC unit)	Each	940.00	
	f	Supply and fixing of MS stand for fixing outdoor unit	Each	1088.00	
	2	SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND HANDING OVER OF AIR-COOLED SELF CONTAINED DUCTABLE AC UNITS			
	a	3.0 TR Ceiling Suspended Ductable Unit	Each	98095.00	
	b	5.5 TR Ceiling Suspended Ductable Unit	Each	169300.00	
	c	8.5 TR Ceiling Suspended Ductable Unit	Each	230700.00	
	d	11 TR Ceiling Suspended Ductable Unit	Each	297700.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	e	17 TR Ceiling Suspended Ductable Unit	Each	431600.00
	f	5.5 TR Floor Mounted Ductable Unit	Each	357800.00
	g	8.5 TR Floor Mounted Ductable Unit	Each	369600.00
	h	11 TR Floor Mounted Ductable Unit	Each	406000.00
	i	17 TR Floor Mounted Ductable Unit	Each	580000.00
	j	25 TR Floor Mounted Ductable Unit	Each	697000.00
	3	ACCESSORIES FOR PACKAGE AC		
	a	Supply and filling of R-22 Refrigerant Gas	KG	571.80
	b	Supply and fixing of Copper Refrigerant Piping of 7/8" dia	RM	1037.90
	c	Supply and fixing of Flexible Canvas Connection	Each	2767.00
	d	Supply and fixing of 50mm thick Anti Vibrating Rubber Pads	Sqm.	543.40
	e	Supply, Fabrication and erection of fabricated ducting made up of GI Sheets of 24 Gauge thickness	RM	848.60
	f	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 22 Gauge thickness	Sqm.	1136.00
	g	Supply, Fabrication and erection of fabricated ducting made up of GI sheets of 20 Gauge thickness	Sqm.	1413.00
	h	Supply and fixing of extruded aluminum powder coated, Supply and return Air Grilles / Diffusers with Volume Control Damper	Sqm.	7911.00
	i	Supply and fixing of water drain pipe line (1" PVC Pipe)	RM	64.10
	j	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Indoor Unit	Each	7320.00
	k	Supply, fabrication and fixing of MS Channel for Mounting the Airconditioning Outdoor Unit	Each	6230.00
	l	Supply and providing of pipeline nitrle rubber insulation for Refrigerant and drain pipe lines.	RM	55.25
	m	Supply and fixing of Duct Mouth Dampers	Set	2371.00
	n	Supply and providing acoustic for initial portion of ducting with 12mm thick Fibre Glass Rigid Board covered with Tissue Paper and Aluminum Perforated Sheet	Sqm.	841.50
	o	Supply and providing thermal insulation of 9mm thick vidoflex with Aluminum Foil	Sqm.	820.00
	p	Supply and providing Civil Concrete Block for Mounting the Airconditioning Unit	Each	705.00
	q	Supply and laying of 30 sq.mm. incoming cable	RM	381.60

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	r	Supply and providing of 10 sq.mm. copper flexible single cable	RM	88.40
	s	Supply and providing of 1.5 sq.mm. copper flexible cable	RM	19.70
	t	Supply and providing of 0.5 sq.mm. 4 core flexible signal cable	RM	16.45
	4	VARIABLE REFRIGERANT FLOW (VRF) AIR-CONDITIONING SYSTEM		
	a	Inverter Scroll Compressor Modular VRF ODU		
	i	34.0 HP	Each	768200.00
	ii	32.0 HP	Each	731100.00
	iii	30.0 HP	Each	684800.00
	iv	28.0 HP	Each	641000.00
	v	26.0 HP	Each	593300.00
	vi	24.0 HP	Each	543600.00
	vii	22.0 HP	Each	513500.00
	viii	20.0 HP	Each	470100.00
	ix	18.0 HP	Each	404800.00
	x	16.0 HP	Each	360600.00
	xi	14.0 HP	Each	348800.00
	xii	12.0 HP	Each	317000.00
	xiii	10.0 HP	Each	239100.00
	xiv	8.0 HP	Each	230300.00
	b	High ESP Duct (200Pa / 220Pa) with Wired Controller, No Drain Pump		
	i	6.3 TR	Each	82425.00
	ii	8.0 TR	Each	85170.00
	iii	12.8 TR	Each	145600.00
	iv	16.0 TR	Each	152400.00
	c	Wall-Mounted Panel with Cordless Remote Controller		
	i	0.63 TR	Each	18010.00
	ii	0.80 TR	Each	19130.00
	iii	1.03 TR	Each	22180.00
	iv	1.28 TR	Each	22895.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	v	1.60 TR	Each	24015.00
	vi	2.02 TR	Each	24520.00
	5	SUPPLY AND FILLING REFRIGERANT GAS		
	a	R410A	Kg.	610.50
	b	R407C	Kg.	610.50
	6	REFRIGERANT PIPE		
	a	36.90mm	RM	1948.00
	b	28.60mm	RM	1780.00
	c	22.20mm	RM	1495.00
	d	19.10mm	RM	1139.00
	e	15.90mm	RM	1068.00
	f	12.70mm	RM	966.70
	g	9.50mm	RM	768.20
	h	6.40mm	RM	671.60
	7	DRAIN PIPE		
	a	25mm	RM	167.90
	b	32mm	RM	201.40
	c	40mm	RM	246.20
	d	50mm	RM	291.00
	8	Supply and fixing of Refnet joint	Each	9178.00
	9	GENERATORS WITH STANDARD PANEL		
	a	5 KVA	Each	205600.00
	b	7.5 KVA	Each	214600.00
	c	10 KVA	Each	242600.00
	d	15 KVA	Each	260800.00
	e	20 KVA	Each	274200.00
	f	30 KVA	Each	333700.00
	g	35 KVA	Each	356300.00
	h	40 KVA	Each	415800.00
	i	45 KVA	Each	485700.00
	j	62.5 KVA	Each	558600.00
	k	82.5 KVA	Each	658800.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	l	100 KVA	Each	732600.00
	m	125 KVA	Each	842100.00
	n	160 KVA	Each	1143700.00
	o	200 KVA	Each	1397000.00
	p	250 KVA	Each	1573000.00
	q	500 KVA	Each	3986000.00
	10	GENERATORS WITH AUTO MAIN FAILURE (AMF) PANEL		
	a	62.5 KVA	Each	671200.00
	b	82.5 KVA	Each	771200.00
	c	100 KVA	Each	957800.00
	d	125 KVA	Each	1066000.00
	e	160 KVA	Each	1368600.00
	f	200 KVA	Each	1622000.00
	g	250 KVA	Each	1798000.00
	6	Exhaust Pipe with Silencer	RM	2215.00
	11	PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD		Higher End
	A	8 Persons Passenger Lift Car Size (1300 x 1100)		
	a	Gearless Lift with Machine Room	Each	1526400.00
	b	Gearless Lift without Machine Room	Each	1597600.00
	B	10 Persons Passenger Lift Car Size (1300 x 1350)		Higher End
	a	Gearless Lift with Machine Room	Each	1594500.00
	b	Gearless Lift without Machine Room	Each	1671900.00
	C	13 Persons Passenger Lift Car Size (2000 x 1100)		Higher End
	a	Gearless Lift with Machine Room	Each	1775700.00
	b	Gearless Lift without Machine Room	Each	1857100.00
	D	20 Persons Passenger Lift Car Size (2000 x 1500)		Higher End
	a	Gearless Lift with Machine Room	Each	2207100.00
	b	Gearless Lift without Machine Room	Each	2345500.00
		Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift.		--

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	12	BED-CUM-PASSENGER LIFTS (G+3) SS 304 Grade with 1m/sec. speed with ARD			
	A	15 Persons Passenger Lift Car Size (1000 x 2400)		Higher End	
	a	Gearless Lift with Machine Room	Each	1937500.00	
	b	Gearless Lift without Machine Room	Each	2060600.00	
	B	20 Persons Passenger Lift Car Size (1300 x 2400)			
	a	Gearless Lift with Machine Room	Each	2315000.00	
	b	Gearless Lift without Machine Room	Each	2410600.00	
	C	26 Persons Passenger Lift Car Size (1600 x 2400)			
	a	Gearless Lift with Machine Room	Each	2631500.00	
	b	Gearless Lift without Machine Room	Each	2836000.00	
		Further increase of rate per floor for every additional floor Rs.1,00,000/- per floor. Comprehensive servicing and maintenance of lifts for further period of 2 years beyond free warranty period of one year from the date of commissioning of lifts will be paid at the rate of 5% of capital cost of lift.		--	
	13	1 PHASE UPS (Single Phase In & Single Phase Out)		System with Battery	
		CAPACITY		1 hour back-up	2 hours back-up
	a	1 KVA	Each	29790.00	39800.00
	b	2 KVA	Each	65650.00	86300.00
	c	3 KVA	Each	79280.00	136300.00
	d	5 KVA	Each	146400.00	202000.00
	e	7.5 KVA	Each	176700.00	230200.00
	14	3 PHASE UPS (Three Phase In & Single Phase Out)		System with Battery	
		CAPACITY		1 hour back-up	2 hours back-up
	a	7.5 KVA	Each	186800.00	239800.00
	b	10 KVA	Each	272700.00	363600.00
	c	15 KVA	Each	373700.00	450400.00
XV		PART "O"			
	1	GI STEEL TUBULAR POLE FOR STREET LIGHT			
	a	4 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	6350.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	4 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 4000mm Length	Each	7230.00
	c	6 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	7590.00
	d	6 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 76.10mm OD x 3.65mm Thick x 6000mm Length	Each	8470.00
	e	7 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	9730.00
	f	7 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4000mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	10700.00
	g	7.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.1mm OD x 3.25mm Thick x 1500mm Length	Each	10870.00
	h	7.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1500mm Length, 76.10mm OD x 3.25mm Thick x 1500mm Length	Each	12010.00
	i	8 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11190.00
	j	8 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 4500mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	12320.00
	k	8.50 Metre Length Single Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	11930.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	l	8.50 Metre Length Double Bracket Pole with Base Plate (250 x 250 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 1750mm Length, 76.10mm OD x 3.25mm Thick x 1750mm Length	Each	13390.00
	m	9 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	11930.00
	n	9 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 114.30mm OD x 5.40mm Thick x 5000mm Length, 88.90mm OD x 4.85mm Thick x 2000mm Length, 76.10mm OD x 3.25mm Thick x 2000mm Length	Each	13390.00
	o	10 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	15800.00
	p	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 139.70mm OD x 4.50mm Thick x 5200mm Length, 114.30mm OD x 4.50mm Thick x 2400mm Length, 88.90mm OD x 3.25mm Thick x 2400mm Length	Each	16230.00
	q	12 Metre Length Single Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	18620.00
	r	10 Metre Length Double Bracket Pole with Base Plate (300 x 300 x 6mm) 165.10mm OD x 4.50mm Thick x 5800mm Length, 139.70mm OD x 4.50mm Thick x 3100mm Length, 114.30mm OD x 3.65mm Thick x 3100mm Length	Each	20640.00
	2	OCTAGONAL POST		
	a	Supply, Erection of 8m Free Standing Single Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 300 x 300 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 130mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	20790.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	Supply, Erection of 8m Free Standing Double Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 300 x 300 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 130mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	21920.00
	c	Supply, Erection of 7m Free Standing Double Arm Bracket 8 sided Octagonally continuously tapered structured pole with base plate of size 250 x 250 x 12mm as per IS-875 with following specification. Bottom Pole Dia - 140mm Top Pole Dia - 70 mm Thickness of Pole - 3 mm The pole should be hot dip galvanized confirming to BESN ISO-1461 with thickness of 65 Micron	Each	20910.00
	3	Minimast (12 Metre) with 6 Nos. 150W LED Fitting	Each	349800.00
	4	Highmast (16 Metre) with 8 Nos. 150W LED Fitting	Each	528100.00
	5	LIGHTNING ROD		
	a	Supply of Early Streamer Emission Air Terminal (ESEAT). Model: L The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (ΔT_s) obtained during the lab test for the offered model is 60 μs . The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011). ESEAT Model : L - Radius of protection : 86 Metres Level of protection considered for the Project-II level	Each	74580.00

Item No.	Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
b	<p>Supply of Early Streamer Emission Air Terminal (ESEAT). Model: S</p> <p>The ESEAT has corrosion resistant stainless chrome body made up of AISI 316 grade of height 0.50 metres capable of working in hazardous atmosphere. The Air terminal is non-radioactive and requires no special licensing. The unit is fully autonomous (no battery, no external power supply is required), collects energy from the ambient electric field. The ESEAT model has been tested in a high voltage laboratory in accordance with NFC 17 102 in order to measure the average gain in triggering. The average gain in triggering time (ΔT_s) obtained during the lab test for the offered model is 60 μs.</p> <p>The ESEAT works on negative as well as positively polarized discharges. ESEAT has been tested for such discharges in Central Power Research Institute (CPRI). A dedicated tester is available to test the healthiness of the ESEAT on request (Page No. 37, Point No. 3 of Clause 8.6 of the Revised NFC 17-102 version 2011).</p> <p>ESEAT Model : S - Radius of protection : 46 Metres</p> <p>Level of protection considered for the Project-II level</p>	Each	66230.00
c	MOUNTING STRUCTURE		
	Supply of Standard / Special Mounting Structure of height 4.5 mts. pipe, and 300 x 300 x 8mm MS plate, 3 mts. 48mm OD class C GI outer pipe, 1.8 mtr, 38mm OD inner pipe, for roof mounting on concrete base and with FRP adapter	Each	19875.00
d	DOWN CONDUCTOR		
	Supply and run of 25mm x 6mm GI Flat Down Conductor with necessary clamps / supports on wall / floor / ground for earth connection	Mtr	115.00
e	TEST LINK		
	Supply of Test Link Box for each Down conductor in order to disconnect the earth termination system to enable measurement of resistance	Each	4891.00
f	EARTH ELECTRODE		
	Supply and installation maintenance free GI Earthing System comprising of 50mm dia and 2 mtr. long earth electrode of low carbon steel rod with 100 micron bonding and 25 kgs. of carbon based environment friendly backfill compound and suitable clamp	Each	9027.00
g	SURGE PROTECTION		
	Supply and installation Cabinet Type Class 1 and 2 Combined Model SPD to arrest surges and overvoltages in the power line due to lightning switching action etc. they must be installed in the incoming MCC panel / DB of the respective building in parallel to the power circuit. Model: PSV4-12.5/400TT (3 phase power network)	Each	18960.00
XVI	PART "P"		
	CONFERENCE TYPE PUBLIC ADDRESS SYSTEM, PROJECTOR AND MOTORIZED SCREEN		Higher End
1	Chairman Unit	Each	15245.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	2	Delegate Unit	Each	13510.00
	3	Conference Controller	Set	33800.00
	4	PA Mixer Amplifier 120W	Set	20350.00
	5	PA Mixer Amplifier 240W	Set	26110.00
	6	PA Booster Amplifier 480W	Set	45100.00
	7	Wall Speaker 15W	Each	8765.00
	8	Wall Speaker 30W	Each	12740.00
	9	Ceiling Speaker 15W	Each	2217.00
	10	Ceiling Speaker 20W	Each	3427.00
	11	Cordless Mic UHF	Each	20400.00
	12	8 Pin Conference Mic Socket with Modular Box and Front Plate	Each	334.00
	13	2 Core 1.5 sq.mm Shielded Copper Speaker Wire	RM	41.30
	14	8 Core 1.5 sq.mm PVC Copper Conference Ccable	RM	158.50
	15	3200 Ansi Lumens Projector, XGA (1024X 768) Resolution, Contrast Ratio: 4000:1	Each	39570.00
	16	3600 Ansi Lumens Projector, XGA (1024X 768) Resolution, Contrast Ratio: 20000:1	Each	56290.00
	17	3300 Ansi Lumens Short Throw Projector, WXGA (1280 X 800) Resolution, Contrast Ratio: 3000:1	Each	99180.00
	18	6' x 4' Motorized Screen	Each	12200.00
	19	8' x 6' Motorized Screen	Each	16380.00
	20	10' x 8' Motorized Screen	Each	19670.00
	21	3 Feet Ceiling Mount Kit	Each	4336.00
	22	20 Metre HDMI Cable	Set	4294.00
	23	3 Core 1.5 sq.mm. PVC Power Cable for Projector	RM	58.30
	24	UNARMoured 0.5MM TELEPHONE CABLE		
	a	2 Pair	RM	9.15
	b	4 Pair	RM	16.45
	c	10 Pair	RM	38.90
	d	20 Pair	RM	72.10
	e	50 Pair	RM	162.60
	25	ARMoured 0.5MM JELLY FILLED TELEPHONE CABLE		
	a	10 Pair	RM	151.30

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	b	20 Pair	RM	222.40
	c	50 Pair	RM	432.40
	d	100 Pair	RM	749.90
	e	200 Pair	RM	1395.00
	26	UNARMoured CO-AXIAL CABLE FOR TV		
	a	RG-06	RM	23.60
	b	RG-11	RM	53.50
	27	ARMoured CO-AXIAL CABLE FOR TV		
	a	RG-06	RM	90.50
	b	RG-11	RM	128.60
	28	UNARMoured LAN & CCTV CABLE		
	a	CAT-6	RM	29.65
	29	ARMoured LAN & CCTV CABLE		
	a	CAT-6	RM	106.00
	30	UNARMoured SPEAKER CABLE		
	a	2 Core - 1.0 sq.mm	RM	28.65
	b	2 Core - 1.5 sq.mm	RM	41.20
	31	ARMoured SPEAKER CABLE		
	a	2 Core - 1.5 sq.mm	RM	85.45
	b	2 Core - 2.5 sq.mm	RM	106.00
	32	OFC CABLE		
	a	6 Core Indoor	RM	54.50
	b	6 Core Outdoor	RM	59.55
	c	12 Core Indoor	RM	69.80
	33	PoE SWITCHES FOR CCTV IP CAMERA		Higher End
	a	4 Port	Each	6219.00
	b	8 Port	Each	8599.00
	c	24 Port	Each	19462.00
	34	NETWORK VIDEO RECORDER FOR CCTV		
	a	4 Channel - 1 SATA	Each	5624.00
	b	8 Channel - 1 SATA (1 No. Hard Disk)	Each	6490.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	c	16 Channel - 2 SATA (2 Nos. Hard Disk)	Each	11893.00
	d	32 Channel - 2 SATA (2 Nos. Hard Disk)	Each	21624.00
	35	LAN NETWORK SWITCHES		
	I	Un-Managed 10 / 100 / 1000		
	a	8 Port	Each	2000.00
	b	16 Port	Each	5245.00
	c	24 Port	Each	6436.00
	II	Semi-Managed 10 / 100 / 1000		
	a	24 Port	Each	12107.00
	III	Fully Managed 10 / 100 / 1000 Layer-2 with 1G Uplink		
	a	8 Port	Each	17300.00
	b	24 Port	Each	35690.00
	c	24 Port with Fibre Port	Each	63810.00
	d	48 Port	Each	43240.00
	IV	Fully Managed 10 / 100 / 1000 Layer-2 with 10G Uplink		
	a	24 Port	Each	38930.00
	b	28 Port	Each	50000.00
	V	Fully Managed 10 / 100 / 1000 Layer-3 with 10G Uplink		
	a	24 Port	Each	113500.00
	b	24 Port with Fibre Port	Each	129700.00
	c	48 Port	Each	210800.00
	36	MEDIA CONVERTER FOR OPTICAL FIBRE CABLE		
	a	Single Mode	Each	5408.00
	b	Multi Mode	Each	4867.00
	37	I/O SOCKET		
	a	RJ-45	Each	162.70
	b	RJ-11	Each	64.80
	c	CAT 6 PVC Module Box	Each	64.80
	d	Face Plate Single Socket RJ-45	Each	97.70
	e	Face Plate Dual Socket RJ-45	Each	108.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	f	Face Plate Quad Socket RJ-45	Each	119.20
	38	HARD DISK FOR NVR		Higher End
	a	2 TB	Each	5948.00
	b	4 TB	Each	12600.00
	c	6 TB	Each	17090.00
	d	8 TB	Each	24870.00
	39	RACK WITH ACCESSORIES		Higher End
	a	2U Rack	Each	1946.00
	b	4U Rack	Each	2702.00
	c	6U Rack	Each	3243.00
	d	9U Rack	Each	4324.00
	e	12U Rack	Each	6487.00
	f	36U Rack	Each	21625.00
	g	42U Rack	Each	37840.00
	h	Fan extra for the above rack	Each	540.00
	40	PATCH CORD		Higher End
	a	1 Metre Length	Each	140.60
	b	2 Metre Length	Each	188.60
	c	3 Metre Length	Each	227.40
	d	24 Port Patch Panel – Unloaded	Each	2162.00
	e	24 Port Patch Panel – Fully Loaded	Each	4056.00
XVII		PART "Q"		
		HIRE CHARGES FOR TEMPORARY ARRANGEMENTS		
	1	METAL HALLIDE LAMP		
	a	1 Day	Each	280.70
	b	2 Days	Each	353.00
	c	3 Days	Each	409.00
	d	4 Days	Each	460.00
	e	5 Days	Each	516.00
	f	6 Days	Each	561.00
	g	7 Days	Each	618.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)	
	2	GENERATOR		Starting & End Day	Inter-mediate Days
	a	62.5 KVA	Each	1797.00	1438.00
	b	125 KVA	Each	3709.00	2967.00
	c	250 KVA	Each	7421.00	5936.00
	d	320 KVA	Each	8882.00	7107.00
	e	500 KVA	Each	13493.00	10790.00
	3	CABLE			
	a	2 of 7/20 sq.mm	RM	2.14	
	b	4 of 7/20 sq.mm	RM	4.28	
	c	4 of 19/16 sq.mm	RM	11.75	
	d	4 of 7/16 sq.mm	RM	6.40	
	e	4 of 120 sq.mm	RM	56.70	
	f	3.5 x 180 sq.mm LTUG	RM	22.45	
	g	4 of 185 sq.mm	RM	79.15	
	h	3 Core Flexible Wire	RM	3.21	
	i	4 Core Flexible Wire	RM	3.21	
	j	4 Core 6 sq.mm Copper Cable	RM	6.40	
	k	4 x 10 sq.mm Flexible Cable	RM	6.40	
	l	2 of 3/20 sq.mm	RM	2.14	
	m	3 1/2 x 50 sq.mm LTUG	RM	11.75	
	n	Co-Axial Cable	RM	1.07	
	4	SERIAL SET			
	a	2 Days	RM	18.15	
	b	3 Days	RM	26.75	
	5	Fly Catcher 2 Days	Each	179.70	
	6	Air Cooler with Stand 2 Days	Each	304.00	
	7	Air Circulator 2 Days	Each	67.35	
	8	Pedastal Fan	Each	44.90	
	9	LED Nose Light	Each	19.15	
	10	Earth Pipe	RM	34.20	
	11	100A Change Over Switch	Each	169.00	

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	12	250A Change Over Switch	Each	179.70
	13	400A Change Over Switch	Each	224.20
	14	250A Change Over Switch with Panel Board	Each	842.30
	15	100A Panel Board with 100A TPN Switch & 5 Nos. 30A TPN switch with Bus Bar	Each	871.60
	16	250A Panel Board with 250A TPN Switch & 7 Nos. 63A DPMCB switch	Each	1124.00
	17	100A Panel Board incoming 100A TPN Switch with various range of TP/DP/SP MCB with suitable angle iron frame work	Each	831.00
	18	200A Panel Board	Each	898.00
	19	400A Panel Board	Each	1685.00
	20	4'40W Patty Tube Light with Fitting	Each	26.60
	21	15A / 5A Plug Board	Each	26.60
	22	Blank Post	Each	2080.00
	23	6 metre GI Post for Metal Halide Fitting	Each	101.70
	24	1.5 TR Split AC	Each	5622.00
	25	2 TR Split AC	Each	7534.00
	26	5 TR Split AC	Each	26530.00
	27	7.5 TR Ductable AC	Each	38790.00
	28	5 TR Slim Pack	Each	26315.00
	29	Air Curtain	Each	561.00
	30	High Power Audio System	Each	50600.00
	31	PA System	Each	7871.00
	32	Amplifier, Mic, XLR	Each	5622.00
	33	2 x 15 HF 3 Way Speaker	Each	1797.00
	34	1 x 15 HF Speaker	Each	1124.00
	35	4 x 12 Loud Speaker	Each	673.00
	36	Car Calling System arrangement	Each	3373.00
	37	Cordless Mic	Each	561.00
	38	Wired Mic	Each	561.00
	39	32 Channel Mixer Amplifier	Each	673.00
	40	Laptop to play CD Songs	Each	2248.00

Item No.		Details	Per	Basic Rate approved for the year 2022-2023 (w.e.f. 19.07.2022)
	41	5 KVA with 1 Hour back-up	Each	8433.00
	42	Power Amplifier	Each	224.80
	43	Sony Video Camera	Each	5622.00
	44	42" Plasma Screen	Each	2810.00
	45	Mixer Board, Computer, UPS, etc	Each	8989.00
	46	200W LED Flood Light Fitting	Each	224.80
	47	5TR Slim Package AC	Each	28450.00
Note:		The Basic Rate adopted under this Head, "Annexure-VII – Rates of Electrical Items of Works" is exclusive of all taxes and GST.		


Engineer-in-Chief,
Chief Engineer (General) &
Chief Engineer, Chennai Region,
PWD, Chennai-5


19/7/2022

GOVERNMENT OF TAMIL NADU					
PUBLIC WORKS DEPARTMENT					
OFFICE OF THE ENGINEER-IN-CHIEF , CHIEF ENGINEER (GENERAL) & CHIEF ENGINEER, CHENNAI REGION, PWD, CHEPAUK, CHENNAI-5					
ELECTRICAL DETAILED DATA					
(TAMIL NADU)					
FOR THE YEAR 2022-2023					
(WITH EFFECT FROM 19.07.2022)					
Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 1					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch Box and 5A FT switch with painting of suitable colour continuous earth wire connection of 14 SWG TC wire for light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22/0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
45	Metre	MS heavy gauge conduit pipe 16mm (5 / 8")	34.90	Metre	1570.50
150	Nos.	TW plug 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
0.5	Gross	Conduit saddles 16mm (5/8")	41.00	Gross	20.50
1	Gross	Brass screws (25mm) No.6	64.90	Gross	64.90
8	Nos.	MS conduit bends 16 mm	93.00	Dozen	62.00
4	Nos.	Conduit tee bends 16 mm	98.20	Dozen	32.73
4	Nos.	5A SP flush type switch	194.50	Dozen	64.83
4	Nos.	Ceiling rose	13.80	Each	55.20
1	No.	3 way MS junction box (150 x 150 x 75mm) (MR)	75.00	Each	75.00
4	Nos.	MS conduit round box (MR)	5.90	Each	23.60
4	Nos.	MS switch box (100 x 100 x 75mm)	51.50	Each	206.00
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
500	ML.	Quality paint	227.60	Litre	113.80
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
					4885.94
		Add 1% sundries, etc.			48.86
		Labour charges			7242.00
		Total			12176.80
		Rate per point = Rs. 12176.8/4	3044.20		
		Say Rs.	3044.00		
		LABOUR DETAILS			
1	No.	Electrical Maistry	898.00	Each	898.00
2	Nos.	Wireman Grade-I	783.00	Each	1566.00
3	Nos.	Wireman Grade-II	778.00	Each	2334.00
4	Nos.	Electrical Helper	611.00	Each	2444.00
					7242.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 2					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with switch box with 5A FT switch inflush with wall and covered with hylum sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for light point / fan point (for electronic regulator)					
		From SD 1			4885.94
		LESS			
4	Nos.	Switch box (100 mm x 100 mm x 75 mm)(MR)	51.50	Each	206.00
1	No.	150mm x 150mm x 75mm MS junction box	75.00	Each	75.00
					281.00
					4604.94
		ADD			
4	Nos.	Switch box concealed type (MR)	46.20	Each	184.80
1	No.	MS junction box concealed type (150 x 150 x 75mm) (MR)	75.00	Each	75.00
4	Nos.	Hylem sheet 100mm x 100mm x 3mm	6.61	Each	26.44
1	No.	Hylem sheet 150mm x 150mm x 3mm	14.87	Each	14.87
					301.11
					4906.05
		Add 1% sundries, etc.			49.06
		Labour chargess as per SD 1			7242.00
		Total			12197.11
		Rate per point = Rs. 12197.11/4	3049.28		
		Say Rs.	3049.00		
SD 3					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories with MS switch box in flush with wall with 5A FT switch with 3mm thick hylem sheet cover MS switch box with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion for concealed light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
45	Metre	Heavy gauge MS conduit pipe 16mm (5 / 8")	34.90	Metre	1570.50
8	Nos.	MS conduit bends 16mm	93.00	Dozen	62.00
4	Nos.	Conduit tee 16mm	98.20	Dozen	32.73
4	Nos.	5A SP flush type switch	194.50	Dozen	64.83
4	Nos.	MS conduit round box (MR)	5.90	Each	23.60
4	Nos.	MS switch box concealed type (100 x 100 x 75mm) (MR)	46.20	Each	184.80
1	No.	MS Junction box concealed type (150 x 150 x 75mm) (MR)	75.00	Each	75.00
4	Nos.	Ceiling rose	13.80	Each	55.20
4	Nos.	Hylem sheet (100 x 100 x 3 mm)	6.61	Each	26.44

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
1.25	Bag	Cement	302.00	Bag	377.50
5	Bag	Sand	163.50	Bag	817.50
					5644.98
		Add 1% sundries, etc.			56.45
		Labour charges			11928.00
		Total			17629.43
		LABOUR DETAILS			
		As per SD 1		7242.00	
2	Nos.	Mason Grade-I	947.00	Each	1894.00
4	Nos.	Mazdoor-I Class	698.00	Each	2792.00
				11928.00	
		Rate per point = Rs. 17629.43/4	4407.36		
		Say Rs.	4407.00		
SD 4					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade on suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch box and 5A FT switch (two way) with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open staircase light point					
90	Metre	1.5 sq.mm. (22/0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
30	Metre	MS conduit heavy gauge pipe 19mm (3 / 4")	36.20	Metre	1086.00
100	Nos.	TW plugs (38mm x 25mm x 19mm)	287.00	1000 Nos.	28.70
1/3	Gross	Conduit saddle 19mm (48 Nos.)	43.70	Gross	14.57
96	Nos.	Brass screws 38mm (1-1/2")	69.40	Gross	46.27
6	Nos.	Conduit bends 19mm	103.50	Dozen	51.75
3	Nos.	Conduit tees 19mm	99.30	Dozen	24.83
6	Nos.	5A flush type staircase switch	241.30	Dozen	120.65
3	Nos.	Ceiling rose	13.80	Each	41.40
3	Nos.	Conduit round block (MR)	5.90	Each	17.70
6	Nos.	MS switch box 100 x 100 x 75mm (MR)	51.50	Each	309.00
1	No.	MS junction box 150mm x 150mm x 75mm (MR)	75.00	Each	75.00
0.9	Kg.	14 SWG TC wire	630.00	Kg.	567.00
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
350	ML.	Quality paint	227.60	Litre	79.66
					4165.85
		Add 1% sundries, etc.			41.66
		Labour charges as per SD 1			7242.00
		Total			11449.51
		Rate per point = Rs. 11449.51/3	3816.50		
		Say Rs.	3817.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 5					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with MS switch box with 5A FT switch (two way) in flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open staircase light point					
		From SD 4			4165.85
		LESS			
6	Nos.	Switch box open type(100 mm x100 mm x 75 mm)(MR)	51.50	Each	309.00
1	No.	MS Junction box 150mm x 150mm x 75mm (MR)	75.00	Each	75.00
					384.00
		ADD			3781.85
6	Nos.	Staircase MS switch box concealed type (MR) 100 x 100 x 75mm	46.20	Each	277.20
6	Nos.	Hylem sheet 100mm x 100mm x 3mm	6.61	Each	39.66
6	Nos.	Labour chargess for concealing and making good	15.00	Each	90.00
1	No.	MS junction box 150 x 150 x 75mm concealed type	75.00	Each	75.00
1	No.	Hylem sheet 150mm x 150mm x 3mm	14.87	Each	14.87
					496.73
					4278.58
		Add 1% sundries, etc.			42.79
		Labour charges as per SD 1			7242.00
		Total			11563.37
		Rate per point = Rs. 11563.37/3	3854.46		
		Say Rs.	3854.00		
SD 6					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories with MS switch box with 5A FT switch (two way) in flush with wall and covered with 3mm thick hylem sheet for MS switch box with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed staircase light point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
30	Metre	MS heavy gauge conduit pipe 19mm	36.20	Metre	1086.00
6	Nos.	Conduit bends 19mm	103.50	Dozen	51.75
3	Nos.	Conduit tees 19mm	99.30	Dozen	24.83
6	Nos.	5A flush type staircase switch	241.30	Dozen	120.65
3	Nos.	Ceiling rose	13.80	Each	41.40
3	Nos.	MS conduit round block (MR)	5.90	Each	17.70
6	Nos.	MS switch box 100 x 100 x75mm concealed type	46.20	Each	277.20
1	No.	Hylern sheet 150 x 150 x 3mm	14.87	Each	14.87
6	Nos.	Hylem sheet 100mm x 100mm x 3mm	6.61	Each	39.66

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	MS junction box 150 x 150 x 75mm concealed type (MR)	75.00	Each	75.00
0.9	Kg.	14 SWG TC wire	630.00	Kg.	567.00
1	Bag	Cement	302.00	Bag	302.00
4	Bags	Sand	163.50	Bag	654.00
					4761.56
		Add 1% sundries, etc.			47.62
		Labour charges 2/3 of SD 3			7952.00
		Total			12761.17
		Rate per point = Rs. 12761.17/3	4253.72		
		Say Rs.	4254.00		
SD 7					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with suitable MS box to house the control switch and regulator with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open conduit for fan point (for rheostatic fan type regulator)					
		From SD 1			4885.94
		LESS			
4	Nos.	MS switch box 100 x 100 x 75mm	51.50	Each	206.00
					4679.94
		ADD			
4	Nos.	MS switch box 30cm x 20cm x 7.5cm	123.90	Each	495.60
					5175.54
		Add 1% sundries, etc.			51.76
		Labour charges as per SD 1			7242.00
		Total			12469.30
		Rate per point = Rs. 12469.3/4	3117.33		
		Say Rs.	3117.00		
SD 8					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with suitable MS box to house the control switch regulator flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open conduit fan point (for rheostatic type fan regulator)					
		From SD 7			5175.54
		LESS			
4	Nos.	MS switch box 30 x 20 x 7.5cm	123.90	Each	495.60
1	No.	MS Junction box 150 x 150 x 75mm	75.00	Each	75.00
					570.60
		ADD			4604.94
4	Nos.	MS switch box flush type 30 x 20 x 7.5cm	117.00	Each	468.00

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
4	Nos.	Hylem sheet	39.66	Each	158.64	
4	Nos.	Labour chargess for concealing	20.80	Each	83.20	
1	No.	MS Junction box concealed type (150 x 150 x 75mm)	75.00	Each	75.00	
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87	
						799.71
						5404.65
		Add 1% sundries, etc.				54.05
		Labour charges as per SD 1				7242.00
		Total				12700.70
		Rate per point = Rs. 12700.7/4	3175.18			
		Say Rs.	3175.00			
SD 9						
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy cauge MS conduit pipe concealed in wall and ceiling with MS accessories inflush with wall with suitable MS box to the house control switch and regulator with 3nm thick hylum sheet cover for MS switch box with continuous earth wire connection of 14 SWG TC wire and rnaking good of the concealed portion with suitable colour for concealed fan point (for rheostatic type fan regulator)						
		From SD 3				5644.98
		LESS				
4	Nos.	MS switch box	46.20	Each	184.80	
4	Nos.	Hylem sheet	6.61	Each	26.44	
						211.24
		ADD				5433.74
4	Nos.	MS switch box to house fan regulator and control switch concealed type (30 x 20 x 7.5cm) (MR)	117.00	Each	468.00	
4	Nos.	Hylem sheet each (300 x 200 x 3mm)	39.66	Each	158.64	
						626.64
						6060.38
		Add 1% sundries, etc.				60.60
		Labour charges as per SD 3				11928.00
		Total				18048.98
		Rate per point = Rs. 18048.98/4	4512.25			
		Say Rs.	4512.00			
SD 10						
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box for 5A 3 pin non interlocking flush type CS plug wftb painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open plug point						
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre		1489.50

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
45	Metre	MS conduit heavy gauge pipe 16mm (5 / 8")	34.90	Metre	1570.50
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2 "x 1" x 3/4")	287.00	1000 Nos.	43.05
(1/2)	Gross	Conduit saddles 16mm (72 Nos.)	41.00	Gross	20.50
1	Gross	Brass screws 25mm (No.6)	64.90	Gross	64.90
8	Nos.	Conduit bends 16mm	93.00	Dozen	62.00
4	Nos.	Conduit tees 16mm	98.20	Dozen	32.73
8	Nos.	MS switch box 150 x 100 x 75mm	70.70	Each	565.60
8	Nos.	5A flush type switch	194.50	Dozen	129.67
8	Nos.	5A 3pin and 2pin combined flush type wall socket	24.10	Each	192.80
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
500	ML.	Quality paint	227.60	Litre	113.80
					5349.38
		Add 1% sundries, etc.			53.49
		Labour charges as per SD 1			7242.00
		Total			12644.87
		Rate per point = Rs. 12644.87/8	1580.61		
		Say Rs.	1581.00		
SD 11					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box inflush with wall with 3mm thick hylum sheet cover for 5A 3pin non interlocking flush type CS plug with painting of suitable colour with continuous earthwire connection of 14SWG TC wire for open plug point					
		From SD 10			5349.38
		LESS			
8	Nos.	MS switch box open type (150 x 100 x 75mm)	70.70	Each	565.60
					4783.78
		ADD			
8	Nos.	MS switch concealed type (flush type)	67.50	Each	540.00
8	Nos.	Hylem sheet (150 x 100 x 3mm)	9.90	Each	79.20
8	Nos.	Labour for concealing	15.00	Each	120.00
					739.20
					5522.98
		Add 1% sundries, etc.			55.23
		Labour charges as per SD 1			7242.00
		Total			12820.21
		Rate per point = Rs. 12820.21/8	1602.53		
		Say Rs.	1603.00		
SD 12					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories in flush with wall with 150mm x 100mm x 75mm MS switch box with 3mm thick hylum sheet cover for 5A 3pin non interlocking CS plug with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed plug point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
45	Metre	MS conduit pipe 16mm heavy gauge	34.90	Metre	1570.50
8	Nos.	MS conduit bend 16mm	93.00	Dozen	62.00
4	Nos.	Conduit tee 16mm	98.20	Dozen	32.73
8	Nos.	MS switch box 150mm x 100mm x 75mm concealed type (MR)	67.50	Each	540.00
8	Nos.	Hylem sheet (150 x 100 x 3mm)	9.90	Each	79.20
8	Nos.	5A flush type switch	194.50	Dozen	129.67
8	Nos.	5A 3pin and 2 pin combined flush type wall socket	24.10	Each	192.80
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
1.25	Bag	Cement	302.00	Bag	377.50
5	Bag	Sand	163.50	Bag	817.50
					6141.90
		Add 1% sundries, etc.			61.42
		Labour charges as per SD 3			11928.00
		Total			18131.32
		Rate per point = Rs. 18131.32/8	2266.42		
		Say Rs.	2266.00		
SD 13					
Wiring with 2 x 4 sq.mm. (56 / 0.3mm) PVC insulated SC unsheathed copper cable conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box for 15A 3 pin non interlocking CS plug with painting of suitable colour with continuous earth wire connection by 14 SWG TC wire for open power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	3685.50
45	Metre	MS conduit pipe 19mm	36.20	Metre	1629.00
150	Nos.	TW plug 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 19 mm	43.70	Gross	21.85
1	Gross	Brass screws 25mm	64.90	Gross	64.90
8	Nos.	Conduit bends 19 mm	103.50	Dozen	69.00
4	Nos.	Conduit tee 19mm	99.30	Dozen	33.10
8	Nos.	MS switch box 150 mm x 100 mm x 75mm	70.70	Each	565.60
8	Nos.	5A/15A 3pin combined flush type wall socket only	54.50	Each	436.00
8	Nos.	15A flush type switch	56.55	Each	452.40
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
500	ML.	Quality paint	227.60	Litre	113.80

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
					8178.53
		Add 1% sundries, etc.			81.79
		Labour charges as per SD 1			7242.00
		Total			15502.32
		Rate per point = Rs. 15502.32/8	1937.79		
		Say Rs.	1938.00		
SD 14					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with MS accessories with 150mm x 100mm x 75mm MS switch box in flush with wall with 3mm thick hylum sheet for 15A 3pin non interlocking flush type CS plug with painting suitable colour with continuous earth wire connection of 14 SWG TC wire for open power plug point					
		From SD 13			8178.53
		LESS			
8	Nos.	MS box 150 x 100 x 75mm switch box opentype	70.70	Each	565.60
					7612.93
		ADD			
8	Nos.	MS box 150 x 100 x 75mm switch box concealed type	67.50	Each	540.00
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.90	Each	79.20
8	Nos.	Labour for concealing	15.00	Each	120.00
					739.20
					8352.13
		Add 1% sundries, etc.			83.52
		Labour charges as per SD 1			7242.00
		Total			15677.65
		Rate per point = Rs. 15677.65/8	1959.71		
		Say Rs.	1960.00		
SD 15					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with MS accessories in flush with wall with 150mm x 100mm x 75mm MS switch box concealed type with 3mm thick hylum sheet cover for 15A 3 pin flush type non interlocking CS plug with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion for concealed power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	3685.50
45	Metre	MS conduit pipe 19mm	36.20	Metre	1629.00
8	Nos.	Conduit bends 19mm	103.50	Dozen	69.00
4	Nos.	Conduit tees 19mm	99.30	Dozen	33.10
8	Nos.	MS box 150 x 100 x 75mm concealed type	67.50	Each	540.00
8	Nos.	Hylem sheet	9.90	Each	79.20
8	Nos.	5A/15A 3pin combined flush type wall socket only	54.50	Each	436.00
8	Nos.	15A flush type switch	56.55	Each	452.40

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1.35	Kg.	14 SWG TC vvire	630.00	Kg.	850.50
1.25	Bags	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					8969.70
		Add 1% sundries, etc.			89.70
		Labour charges as per SD 3			11928.00
		Total			20987.40
		Rate per point = Rs. 20987.4/8	2623.43		
		Say Rs.	2623.00		
SD 16					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated single core unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper cable	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm	13.75	Metre	618.75
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2" x1" x3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	41.00	Gross	20.50
1	Gross	Brass screws 25mm	64.90	Gross	64.90
8	Nos.	PVC bends 16mm	3.15	Each	25.20
4	Nos.	PVC tees 16mm	13.85	Dozen	4.62
4	Nos.	5A SP switch flush type	194.50	Dozen	64.83
4	Nos.	Ceiling rose	13.80	Each	55.20
4	Nos.	PVC junction box	43.25	Dozen	14.42
4	Nos.	TW round blocks	5.58	Each	22.32
4	Nos.	TW switch box 100 x 100 x 63mm (MR)	14.80	Each	59.20
1	No.	TW junction box 150 x 150 x 63mm (MR)	21.40	Each	21.40
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
0.5	Litre	Quality paint	227.60	Litre	113.80
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
					3682.02
		Add 1% sundries, etc.			36.82
		Labour charges 2/3 of SD 1			4828.00
		Total			8546.84
		Rate per point = Rs. 8546.84/4	2136.71		
		Say Rs.	2137.00		
SD 17					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour for open PVC light point / fan point (for electronic regulator) (4 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm	13.75	Metre	618.75
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	41.00	Gross	20.50
1	Gross	Brass screws 25mm	64.90	Gross	64.90
8	Nos.	PVC bends 16mm	3.15	Each	25.20
4	Nos.	PVC tees 16mm	13.85	Dozen	4.62
4	Nos.	5A SP switch flush type	194.50	Dozen	64.83
4	Nos.	Ceiling rose	13.80	Each	55.20
4	Nos.	PVC junction box	43.25	Dozen	14.42
4	Nos.	TW round blocks	5.58	Each	22.32
4	Nos.	TW switch box 100 x 100 x 63mm	14.80	Each	59.20
1	No.	TW junction box 150 x 150 x 63mm	21.40	Each	21.40
0.5	Litre	Quality paint	227.60	Litre	113.80
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
					2831.52
		Add 1 % sundries, etc.			28.32
		Labour charges 8/9 of SD 16			4291.56
		Total			7151.39
		Rate per point = Rs. 7151.39/4	1787.85		
		Say Rs.	1788.00		
SD 18					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour for open PVC light point / fan point (for electronic regulator) (5 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm	13.75	Metre	618.75
150	Nos.	TW plugs 38mm x 25mm x 19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	41.00	Gross	20.50
1	Gross	Brass screws 25mm	64.90	Gross	64.90
10	Nos.	PVC bends 16mm	3.15	Each	31.50
5	Nos.	PVC tees 16mm	13.85	Dozen	5.77
5	Nos.	5A SP switch flush type	194.50	Dozen	81.04
5	Nos.	Ceiling rose	13.80	Each	69.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
5	Nos.	PVC junction box	43.25	Dozen	18.02
5	Nos.	TW round blocks	5.58	Each	27.90
5	Nos.	TW switch box 100 x 100 x 63mm	14.80	Each	74.00
1	No.	TW junction box 150 x 150 x 63mm	21.40	Each	21.40
0.5	Litre	Quality paint	227.60	Litre	113.80
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
					2892.96
		Add 1% sundries, etc.			28.93
		Labour charges as per SD 17			4291.56
		Total			7213.45
		Rate per point = Rs. 7213.45/5	1442.69		
		Say Rs.	1443.00		
SD 19					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box in flush with wall with 5A FT switch covered with hylum sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC light point / fan point (for electronic regulator)					
		From SD 16			3682.02
		LESS			
4	Nos.	TW switch box 100 x 100 x 63mm open type	14.80	Each	59.20
1	No.	TW Junction Box 150 x 150 x 63mm open type	21.40	Each	21.40
					80.60
					3601.42
		ADD			
4	Nos.	TW switch box 100 x 100 x 113mm flush type	15.30	Each	61.20
4	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	26.44
1	No.	TW connection box 150 x 150 x 113mm (flush type)	17.60	Each	17.60
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87
					120.11
					3721.53
		Add 1% sundries, etc.			37.22
		Labour charges as per SD 16			4828.00
		Total			8586.75
		Rate per point = Rs. 8586.75/4	2146.69		
		Say Rs.	2147.00		
SD 20					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch with painting of suitable colour for open PVC light point / fan point (for electronic regulator) (6 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm	13.75	Metre	618.75
150	Nos.	TW plugs 38mm x 25mm x19mm (1-1/2" x 1" x 3/4")	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 16mm	41.00	Gross	20.50
1	Gross	Brass screws 25mm	64.90	Gross	64.90
12	Nos.	PVC bends 16mm	3.15	Each	37.80
6	Nos.	PVC tees 16mm	13.85	Dozen	6.93
6	Nos.	5A SP switch flush type	194.50	Dozen	97.25
6	Nos.	Ceiling rose	13.80	Each	82.80
6	Nos.	PVC junction box	43.25	Dozen	21.63
6	Nos.	TW round blocks	5.58	Each	33.48
6	Nos.	TW switch box 100 x 100 x 63mm	14.80	Each	88.80
1	No.	TW junction box 150 x 150 x 63mm	21.40	Each	21.40
0.5	Litre	Quality paint	227.60	Litre	113.80
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
					2954.41
		Add 1% sundries, etc.			29.50
		Labour charges as per SD 17			4291.56
		Total			7275.47
		Rate per point = Rs. 7275.47/6	1212.58		
		Say Rs.	1213.00		
SD 21					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch in flush with wall covered with hylem sheet of 3mm thick with painting of suitable colour for open PVC light point / fan point (for electronic regulator)					
		From SD 16			3682.02
		LESS			
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
4	Nos.	TW switch box 100 x 100 x 63mm open type	14.80	Each	59.20
1	No.	TW junction box 150 x 150 x 63mm open type	21.40	Each	21.40
					931.10
					2750.92
		ADD			
4	Nos.	TW switch box 100 x 100 x 113mm flush type	15.30	Each	61.20
4	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	26.44

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
1	No.	TW junction box 150 x 150 x 113mm (flush type)	17.60	Each	17.60	
1	No.	Hytem sheet 150 x 150 x 3mm	14.87	Each	14.87	
						120.11
						2871.03
		Add 1% sundries, etc.				28.71
		Labour charges 8/9 of SD 16				4291.56
		Total				7191.30
		Rate per point = Rs. 7191.3/4	1797.83			
		Say Rs.	1798.00			
SD 22						
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch in flush with wall covered with hylum sheet of 3mm thick with painting of suitable colour for open PVC light / fan point (for electronic regulator) (5 points per coil)						
		From SD 16				3682.02
		LESS				
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50	
4	Nos.	TW switch box 100 x 100 x 63mm open type	14.80	Each	59.20	
1	No.	TW junction box 150 x 150 x 63mm open type	21.40	Each	21.40	
						931.10
						2750.92
		ADD				
5	Nos.	TW switch box 100 x 100 x 113mm flush type	15.30	Each	76.50	
5	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	33.05	
2	Nos.	PVC bend 16mm	3.15	Each	6.30	
1	No.	PVC tee 16mm	13.85	Dozen	1.15	
1	No.	5A SP switch flush type	194.50	Dozen	16.21	
1	No.	Ceiling rose	13.80	Each	13.80	
1	No.	TW junction box 150 x 150 x 113mm (flush type)	17.60	Each	17.60	
1	No.	Hytem sheet 150 x 150 x 3mm	14.87	Each	14.87	
1	No.	TW round block	5.58	Each	5.58	
						185.07
						2935.99
		Add 1% sundries, etc.				29.36
		Labour charges as per SD 17				4291.56
		Total				7256.90
		Rate per point = Rs. 7256.9/5	1451.38			
		Say Rs.	1451.00			
SD 23						

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch with continuous earth wire connection of 14 SWG TC wire for making good of the concealed portion with suitable colour for PVC concealed light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.75	Metre	618.75
8	Nos.	PVC bends 16mm	3.15	Each	25.20
4	Nos.	PVC tees 16mm	13.85	Dozen	4.62
4	Nos.	5A SP flush type switch	194.50	Dozen	64.83
4	Nos.	PVC junction box	43.25	Dozen	14.42
4	Nos.	Ceiling rose	13.80	Each	55.20
4	Nos.	TW round block	5.58	Each	22.32
4	Nos.	TW switch box (100 x 100 x 113mm)	15.30	Each	61.20
1	No.	Tw junction box 150 x 150 x 113mm flush type	17.60	Each	17.60
4	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	26.44
1	No.	Hylem sheet (150 x 150x 3mm)	14.87	Each	14.87
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
1.25	Bags	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					4460.45
		Add 1% sundries, etc.			44.60
		Labour charges 2/3 of SD 3			7952.00
		Total			12457.05
		Rate per point = Rs. 12457.05/4	3114.26		
		Say Rs.	3114.00		
SD 24					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires with TW switch box and 5A FT switch in flush with wall with 3mm thick hylum sheet cover for making good of the concealed portion with suitable colour for PVC concealed light point / fan point (for electronic regulator)					
90	Metre	1.5 sq.mm. (22/0.3) PVC insulated SC unsheathed copper conductor	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.75	Metre	618.75
8	Nos.	PVC bends 16mm	3.15	Each	25.20
4	Nos.	PVC tees 16mm	13.85	Dozen	4.62
4	Nos.	5A SP flush type switch	194.50	Dozen	64.83
4	Nos.	PVC junction box	43.25	Dozen	14.42
4	Nos.	Ceiling rose	13.80	Each	55.20
4	Nos.	TW round block	5.58	Each	22.32
4	Nos.	TW switch box (100 x 100 x 113mm)	15.30	Each	61.20

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	TW junctionbox 150 x 150 x 113mm flush type	17.60	Each	17.60
4	Nos.	Hylem sheet 100 x 100x 3mm	6.61	Each	26.44
1	No.	Hylum sheet (150 x 150 x 3mm)	14.87	Each	14.87
1.25	Bag	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					3609.95
		Add 1% sundries, etc.			36.10
		Labour charges 8/9 of SD 23			7068.44
		Total			10714.49
		Rate per point = Rs. 10714.49/4	2678.62		
		Say Rs.	2679.00		
SD 25					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch and making good of the concealed portion with suitable colour for PVC concealed light / fan Point (for electronic regulator) (5 points per coil)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.75	Metre	618.75
10	Nos.	PVC bends 16mm	3.15	Each	31.50
5	Nos.	PVC tees 16mm	13.85	Dozen	5.77
5	Nos.	5A SP flush type switch	194.50	Dozen	81.04
5	Nos.	PVC junction box	43.25	Dozen	18.02
5	Nos.	Ceiling rose	13.80	Each	69.00
5	Nos.	TW round block	5.58	Each	27.90
5	Nos.	TW switch box (100 x 100 x 113mm) (SR)	15.30	Each	76.50
1	No.	TW junction box 150 x 150 x 113mm flush type	17.60	Each	17.60
5	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	33.05
1	No.	Hylem sheet (150 x 150 x 3 mm)	14.87	Each	14.87
1.25	Bags	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					3678.51
		Add 1% sundries, etc.			36.79
		Labour charges as per SD 24			7068.44
		Total			10783.74
		Rate per point = Rs. 10783.74/5	2156.75		
		Say Rs.	2157.00		
SD 26					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessoires in flush with wall with 3mm thick hylum sheet cover with TW switch box and 5A FT switch and making good of the concealed portion with suitable colour for PVC concealed light (6 points per coil) (for rooms like bath, toilet & pumproom, etc.)					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper conductor	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.75	Metre	618.75
12	Nos.	PVC bends 16mm	3.15	Each	37.80
6	Nos.	PVC tees 16mm	13.85	Dozen	6.93
6	Nos.	5A SP flush type switch	194.50	Dozen	97.25
6	Nos.	PVC junction box	43.25	Dozen	21.63
6	Nos.	Ceiling rose	13.80	Each	82.80
6	Nos.	TW round block	5.58	Each	33.48
6	Nos.	TW switch box (100 x 100 x 113mm) (SR)	15.30	Each	91.80
1	No.	TW junction box 150 x 150 x 113mm flush type	17.60	Each	17.60
6	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	39.66
1	No.	Hylem sheet (150 x 150 x 3 mm)	14.87	Each	14.87
1.25	Bag	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					3747.06
		Add 1% sundries, etc.			37.47
		Labour charges as per SD 24			7068.44
		Total			10852.98
		Rate per point = Rs. 10852.98/6	1808.83		
		Say Rs.	1809.00		
SD 27					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch (two way) with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC staircase light point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
30	Metre	PVC rigid pipe 19mm (3 / 4")	20.00	Metre	600.00
100	Nos.	TW Plugs 38mm x 25mm x 19mm	287.00	1000 Nos.	28.70
48	Nos.	Conduit saddles 19mm	43.70	Gross	14.57
96	Nos.	Brass screws 25mm	64.90	Gross	43.27
6	Nos.	PVC bends 19 mm	3.15	Each	18.90
3	Nos.	PVC tees 19 mm	16.05	Dozen	4.01
6	Nos.	5A flush type stair case switch	241.30	Dozen	120.65
3	Nos.	Ceiling rose	13.80	Each	41.40
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 63mm	14.80	Each	88.80
1	No.	TW junction box 150 x 150 x 63mm	21.40	Each	21.40
0.9	Kg.	14 SWG TC wire	630.00	Kg.	567.00
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
350	ML.	Quality paint	227.60	Litre	79.66
					3348.42
		Add 1% sundries, etc.			33.48
		Labour charges 2/3 of SD 4			4828.00
		Total			8209.91
		Rate per point = Rs. 8209.91/3	2736.64		
		Say Rs.	2737.00		
SD 28					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories and with TW switch box and 5A FT switch (two way) with painting of suitable colour for open PVC staircase light point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
30	Metre	PVC rigid pipe 19mm (3 / 4")	20.00	Metre	600.00
100	Nos.	TW Plugs 38 mm x 25 mm x 19 mm	287.00	1000 Nos.	28.70
48	Nos.	conduit saddles 19mm	43.70	Gross	14.57
96	Nos.	Brass screws 25mm	64.90	Gross	43.27
6	Nos.	PVC bends 19mm	3.15	Each	18.90
3	Nos.	PVC tees 19mm	16.05	Dozen	4.01
6	Nos.	5A flush type staircase switch	241.30	Dozen	120.65
3	Nos.	Ceiling rose	13.80	Each	41.40
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 63mm	14.80	Each	88.80
1	No.	TW junction box. 150 x 150 x 63mm	21.40	Each	21.40
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
350	ML.	Quality paint	227.60	Litre	79.66
					2781.42
		Add 1% sundries, etc.			27.81
		Labour charges 8/9 of SD 16			4291.56
		Total			7100.79
		Rate per point = Rs. 7100.79/3	2366.93		
		Say Rs.	2367.00		
SD 29					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch (two way) in flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC staircase light point					
		From SD 27			3348.42
		LESS			
6	Nos.	TW switch box 100 x 100 x 63mm open type	14.80	Each	88.80
1	No.	TW Junction box 150 x 150 x 63mm open type	21.40	Each	21.40
					110.20

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
		ADD				3238.22
6	Nos.	TW switch box flush type 100 x 100 x 113cm	15.30	Each	91.80	
6	Nos.	Hylem sheet (100 x 100 x 3mm)	6.61	Each	39.66	
6	Nos.	Concealing charges (MR)	15.00	Each	90.00	
1	No.	TW junction box 150 x 150 x 113mm flush type	17.60	Each	17.60	
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87	
						253.93
						3492.16
		Add 1% sundries, etc.				34.92
		Labour charges as per SD 19				4828.00
		Total				8355.08
		Rate per point = Rs. 8355.08/3	2785.03			
		Say Rs	2785.00			
SD 30						
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with TW switch box with 5A FT switch (two way) in flush with wall and covered with hylem sheet of 3mm thick with painting of suitable colour for open PVC staircase light point						
		From SD 28				2781.42
		LESS				
6	Nos.	TW switch box 100 x 100 x 63mm open type	14.80	Each	88.80	
1	No.	TW Junction box 150 x 150 x 63mm open type	21.40	Each	21.40	
						110.20
		ADD				2671.22
6	Nos.	TW switch box flush type 100 x 100 x 13cm	15.30	Each	91.80	
6	Nos.	Hylem sheet (100 x 100 x 3mm)	6.61	Each	39.66	
6	Nos.	Concealing charges (MR)	15.00	Each	90.00	
1	No.	TW Junction box 150 x 150 x 113 mm flush type	17.60	Each	17.60	
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87	
						253.93
						2925.15
		Add 1% sundries, etc.				29.25
		Labour charges 8/9 of SD 16				4291.56
		Total				7245.96
		Rate per point = Rs. 7245.96/3	2415.32			
		Say Rs.	2415.00			
SD 31						

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A FT switch (two way) with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed staircase light point					
90	Metre	1.5 sq. mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
30	Metre	PVC rigid pipe 19mm (3 / 4")	20.00	Metre	600.00
6	Nos.	PVC bends 19mm	3.15	Each	18.90
3	Nos.	PVC tees 19mm	16.05	Dozen	4.01
6	Nos.	5A flush type staircase switch	241.30	Dozen	120.65
3	Nos.	Ceiling rose	13.80	Each	41.40
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 113mm flush type	15.30	Each	91.80
6	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	39.66
1	No.	TW Junction box 150 x 150 x 113mm	17.60	Each	17.60
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87
0.9	Kg.	14 SWG TC wire	630.00	Kg.	567.00
1	Bags	Cement	302.00	Bag	302.00
4	Bags	Sand	163.50	Bag	654.00
					3978.13
		Add 1% sundries, etc.			39.78
		Labour charges 2/3 of SD 6			5301.33
		Total			9319.25
		Rate per point = Rs. 9319.25/3	3106.42		
		Say Rs.	3106.00		
SD 32					
Wiring with 3 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 3mm thick hylem sheet covered TW switch box and 5A FT switch (two way) and making good of the concealed portion with suitable colour for concealed staircase light point					
90	Metre	1.5 sq. mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	1489.50
30	Metre	PVC rigid pipe 19mm (3 / 4")	20.00	Metre	600.00
6	Nos.	PVC bends 19mm	3.15	Each	18.90
3	Nos.	PVC tees 19mm	16.05	Dozen	4.01
6	Nos.	5A flush type staircase switch	241.30	Dozen	120.65
3	Nos.	Ceiling rose	13.80	Each	41.40
3	Nos.	TW round block	5.58	Each	16.74
6	Nos.	TW switch box 100 x 100 x 113mm flush type	15.30	Each	91.80
6	Nos.	Hylem sheet 100 x 100 x 3mm	6.61	Each	39.66
1	No.	TW Junction box 150 x 150 x 113mm	17.60	Each	17.60
1	No.	Hylem sheet 150 x 150 x 3 mm	14.87	Each	14.87
1	Bag	Cement	302.00	Bag	302.00
4	Bags	Sand	163.50	Bag	654.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
					3411.13
		Add 1% sundries, etc.			34.11
		Labour charges 8/9 of SD 31			4712.30
		Total			8157.54
		Rate per point = Rs. 8157.54/3	2719.18		
		Say Rs.	2719.00		
SD 33					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and the ceiling with PVC accessories with suitable TW box to house the control switch and regulator with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC fan point (for rheostatic type fan regulator)					
		From SD 16 (PVC open light point)			3682.02
		LESS			
4	Nos.	TW switch box 100 x 100 x 63mm (MR)	14.80	Each	59.20
					3622.82
		ADD			
4	Nos.	TW switch box to house the control switch and fan regulator 31 x 20 x 6.30cm (MR)	72.40	Each	289.60
					3912.42
		Add 1 % sundries, etc.			39.12
		Labour charges as per SD 16			4828.00
		Total			8779.54
		Rate per point = Rs. 8779.54/4	2194.89		
		Say Rs.	2195.00		
SD 34					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with suitable TW box in flush with wall to house the control switch regulator and covered with 3mm thick hylem sheet with painting of suitable colour with continuous earth connection of 14 SWG TC wire for open PVC fan point (for rheostatic type fan regulator)					
		From SD 33			3912.42
		LESS			
4	Nos.	TW switch box 310mm x 200mm x 63mm	72.40	Each	289.60
1	No.	TW Junction box 150 x 150 x 63mm	21.40	Each	21.40
					311.00
					3601.42
		ADD			
4	Nos.	TW switch box 31 x 20cm (12" x 8" x 4-1/2") concealed type (MR)	71.90	Each	287.60
4	Nos.	Hylem sheet 31 x 20 x 3mm	39.40	Each	157.60
1	No.	TW junction box 150 x 150 x 113mm concealed type (MR)	17.60	Each	17.60

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
1	No.	Hylem sheet 150 x 150 x 3mm	14.87	Each	14.87	
						477.67
						4079.09
		Add 1% sundries, etc.				40.79
		Labour charges as per SD 16				4828.00
		Total				8947.88
		Rate per point = Rs. 8947.88/4	2236.97			
		Say Rs.	2237.00			
SD 35						
Wiring with 2 x 1.5 sq.mm (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and the ceiling with PVC accessories in flush with wall with suitable flush type TW switch box to house the control switch and regulator and covered with 3mm thick hylem sheet with continuous earth wire connection of 14 SWG TC wire making good of the concealed portion with suitable colour for concealed fan point (for rheostatic type fan regulator)						
		From SD 23 (PVC concealed light point)				4460.45
		LESS				
4	Nos.	TW switch box flush type (100mm x 100mm x 63mm)(MR)	15.40	Each	61.60	
4	Nos.	Hylem sheet	6.61	Each	26.44	
						88.04
						4372.41
		ADD				
4	Nos.	TW switch box (31 x 20cm) to house the switch & regulator concealed type	71.90	Each	287.60	
4	Nos.	Hylem sheet	39.40	Each	157.60	
						445.20
						4817.61
		Add 1% sundries, etc.				48.18
		Labour charges as per SD 25				7068.44
		Total				11934.23
		Rate per point = Rs. 11934.23/4	2983.56			
		Say Rs.	2984.00			
SD 36						
Wiring with 2 x 1.5 sq.mm (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150 x 100 x 113mm TW switch box for 5A 3 pin non inter locking Wall socket with 5A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC plug point						
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper cable	16.55	Metre		1489.50
45	Metre	PVC rigid pipe 16mm (5 / 8")	13.75	Metre		618.75
150	Nos.	TW plugs 38mm x 25mm x 19mm	287.00	1000 Nos.		43.05

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
72	Nos.	Conduit saddles 16mm	41.00	Gross	20.50
1	Gross	Brass screw 25mm	64.90	Gross	64.90
8	Nos.	PVC bends 16mm	3.15	Each	25.20
4	Nos.	PVC tees 16mm	13.85	Dozen	4.62
8	Nos.	TW switch box 150 x 100 x 113mm (MR)	18.80	Each	150.40
8	Nos.	5A 3 pin and 2 pin combined flush type wall socket	24.10	Each	192.80
8	Nos.	5A flush type switch	194.50	Dozen	129.67
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
0.5	Litre	Quality paint	227.60	Litre	113.80
					3917.52
		Add 1 % sundries, etc.			39.18
		Labour charges as per SD 19			4828.00
		Total			8784.69
		Rate per point = Rs. 8784.69/8	1098.09		
		Say Rs.	1098.00		
SD 37					
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box in flush with wall with 3mm thick hylem sheet cover for 5A 3 pin non inter locking wall socket with 5A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC plug point					
		From SD 36			3917.52
		LESS			
8	Nos.	TW switch box open type 150mm x 100mm x 113mm (MR)	18.80	Each	150.40
					3767.12
		ADD			
8	Nos.	TW switch box flush type 150mm x 100mm x 113mm(MR)	17.40	Each	139.20
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.90	Each	79.20
8	Nos.	Labour for concealing	15.00	Each	120.00
					338.40
					4105.52
		Add 1 % sundries, etc.			41.06
		Labour charges as per SD 27			4828.00
		Total			8974.57
		Rate per point = Rs. 8974.57/8	1121.82		
		Say Rs.	1122.00		
SD 38					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Wiring with 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 150mm x 100mm x 113mm TW switch box with 3mm thick hylem sheet cover for 5A 3 pin non inter locking wall socket with 5A flush type switch with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed PVC plug point					
90	Metre	1.5 sq.mm. (22 / 0.3) PVC insulated unsheathed SC copper cable	16.55	Metre	1489.50
45	Metre	PVC rigid pipe 16mm	13.75	Metre	618.75
8	Nos.	PVC bends 16mm	3.15	Each	25.20
4	Nos.	PVC tees 16mm	13.85	Dozen	4.62
8	Nos.	TW switch box 150 x 100 x 113mm (flush type) (MR)	17.40	Each	139.20
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.90	Each	79.20
8	Nos.	5A 3 pin and 2pin combined flush type wall socket	24.10	Each	192.80
8	Nos.	5A flush type switch	194.50	Dozen	129.67
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
1.25	Bags	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					4724.43
		Add 1% sundries, etc.			47.24
		Labour charges 2/3 of SD 12 (2/3 x 9435)			7952.00
		Total			12723.67
		Rate per point = Rs. 12723.67/8	1590.46		
		Say Rs.	1590.00		
SD 39					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box for 15A 3 pin non inter locking wall socket with 15A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	3685.50
45	Metre	PVC rigid pipe 19mm	20.00	Metre	900.00
150	Nos.	TW plug 38mm x 25mm x 19 mm	287.00	1000 Nos.	43.05
72	Nos.	Conduit saddles 19mm	43.70	Gross	21.85
1	Gross	Brass screws 25mm	64.90	Gross	64.90
8	Nos.	PVC bends 19mm	3.15	Each	25.20
4	Nos.	PVC tees 19mm	16.05	Dozen	5.35
8	Nos.	TW box 150mm x 100mm x 113mm	18.80	Each	150.40
8	Nos.	5A / 15A 3 pin combined flush type wall socket	54.50	Each	436.00
8	Nos.	15A flush type switch	56.55	Each	452.40
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS	213.83
0.5	Litre	Quality paint	227.60	Litre	113.80

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
					6962.78
		Add 1% sundries, etc.			69.63
		Labour Charges 2/3 of SD 13			4828.00
		Total			11860.41
		Rate per point = Rs. 11860.41/8	1482.55		
		Say Rs.	1483.00		
SD 40					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories in flush with wall with 150mm x 100mm x 113mm TW switch box with 3mm thick hylem sheet for 15A 3 pin non inter locking wall socket with 15A flush type switch with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour for concealed power plug point					
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	3685.50
45	Metre	PVC rigid pipe 19mm	20.00	Metre	900.00
8	Nos.	PVC bends 19mm	3.15	Each	25.20
4	Nos.	PVC tees 19mm	16.05	Dozen	5.35
8	Nos.	TW switch box (flush type 150mm x 100mm x 113mm)(MR)	17.40	Each	139.20
8	Nos.	Hylem sheet (150mm x 100mm x 3mm)	9.90	Each	79.20
8	Nos.	5A / 15A 3 pin combined flush type wall socket	54.50	Each	436.00
8	Nos.	15A flush type switch	56.55	Each	452.40
1.35	Kg.	14 SWG TC wire	630.00	Kg.	850.50
1.25	Bags	Cement	302.00	Bag	377.50
5	Bags	Sand	163.50	Bag	817.50
					7768.35
		Add 1% sundries, etc.			77.68
		Labour charges 2/3 of SD 15			7952.00
		Total			15798.03
		Rate per point = Rs. 15798.03/8	1974.75		
		Say Rs.	1975.00		
SD 41					
Wiring with 2 x 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor cable of 1100V grade in suitable PVC rigid pipe on wall and ceiling with PVC accessories with 150mm x 100mm x 113mm TW switch box in flush with wall with 3mm thick hylem sheet cover for 15A 3 pin flush type non inter locking wall socket with 15A flush type switch with painting of suitable colour with continuous earth wire connection of 14 SWG TC wire for open PVC power plug point					
		From SD 39			6962.78
		LESS			
8	Nos.	TW switch box (150mm x 100mm x 113mm) open type	18.80	Each	150.40
					6812.38
		ADD			

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
8	Nos.	TW switch box (150 x 100 x 113mm) concealed type	17.40	Each	139.20	
8	Nos.	Hylem sheet 150 x 100 x 3mm	9.90	Each	79.20	
8	Nos.	Labour for concealing	15.00	Each	120.00	
						338.40
						7150.78
		Add 1% sundries, etc.				71.51
		Labour charges as per SD 16				4828.00
		Total				12050.29
		Rate per point = Rs. 12050.29/8	1506.29			
		Say Rs.	1506.00			
SD 42						
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour						
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre		2979.00
90	Metre	MS conduit pipe 19mm	36.20	Metre		3258.00
300	Nos.	TW plug 38mm x 25mm x 50mm	28.70	100 Nos.		86.10
1	Gross	Conduit saddles 19mm	43.70	Gross		43.70
2.7	Kg.	14 SWG TC wire	630.00	Kg.		1701.00
1	Litre	Quality paint	227.60	Litre		227.60
LS		Cement 1/6 Bags = Rs.302.00 / 6 = Rs.50.33 and Sand 1 Bag = Rs.163.50 = Total = Rs.213.83	213.83	LS		213.83
2	Gross	Brass screws (40mm) 1-1/2"	69.40	Gross		138.80
						8648.03
		Add 0.5% sundries, etc.				43.24
		Labour charges as per SD 1 x 1.5				10863.00
		Total				19554.27
		Rate per metre = Rs. 19554.27/90	217.27			
		Say Rs.	217.00			
SD 43						
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour						
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre		2979.00
90	Metre	Heavy gauge MS conduit pipe 19mm	36.20	Metre		3258.00
2.7	Kg.	14 SWG TC wire	630.00	Kg.		1701.00
2.5	Bags	Cement	302.00	Bag		755.00
10	Bags	Sand	163.50	Bag		1635.00
						10328.00
		Add 0.5% sundries, etc.				51.64
		Labour charges 1.5 x SD 15				17892.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Total			28271.64
		Rate per metre = Rs. 28271.64/90	314.13		
		Say Rs.	314.00		
SD 44					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 42			8648.03
		LESS			
180	Metre	1.5 sq.mm. PVC unsheathed SC copper cable	16.55	Metre	2979.00
					5669.03
		ADD			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	7371.00
					13040.03
		Add 1/2 % sundries, etc.			65.20
		Labour charges as per SD 42			10863.00
		Total			23968.23
		Rate per metre = Rs. 23968.23/90	266.31		
		Say Rs.	266.00		
SD 45					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 43			10328.00
		LESS			
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	2979.00
					7349.00
		ADD			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	7371.00
					14720.00
		Add 1/2% sundries, etc.			73.60
		Labour charges as per SD 43			17892.00
		Total			32685.60
		Rate per metre = Rs. 32685.6/90	363.17		
		Say Rs.	363.00		
SD 46					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 3 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
270	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	11056.50
90	Metre	MS heavy gauge conduit pipe 25mm	44.50	Metre	4005.00
300	Nos.	TW plug 38mm x 25mm x 50mm	0.29	Each	86.10
1	Gross	MS conduit saddles 25mm	51.30	Gross	51.30
2	Gross	Brass screws 40mm	69.40	Gross	138.80
2.7	Kg.	14 SWG TC wire	630.00	Kg.	1701.00
1	Litre	Quality paint	227.60	Litre	227.60
LS		Cement 1/3 Bags = 302.00 / 3 = Rs.100.66 and Sand 2 Bag = Rs.327.00 = Total = Rs.427.66	427.66	LS	427.66
					17693.96
		Add 1/2% sundries, etc.			88.47
		Labour charges 1.5 x SD 13			10863.00
		Total			28645.43
		Rate per metre = Rs. 28645.43/90	318.28		
		Say Rs.	318.00		
SD 47					
Supply and run of 3 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour					
270	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	11056.50
90	Metre	Heavy gauge MS conduit pipe 25mm	44.50	Metre	4005.00
2.7	Kg.	14 SWG TC wire	630.00	Kg.	1701.00
2.5	Bags	Cement	302.00	Bag	755.00
10	Bags	Sand	163.50	Bag	1635.00
					19152.50
		Add 1/2% sundries, etc.			95.76
		Labour charges as per SD 43			17892.00
		Total			37140.26
		Rate per metre = Rs. 37140.26/90	412.67		
		Say Rs.	413.00		
SD 48					
Supply and run of 3 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable flexible conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		As per SD 46			17693.96
		LESS			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
90	Metre	MS conduit pipe 25mm	44.50	Metre	4005.00
					13688.96
		ADD			
90	Metre	Flexible conduit pipe 25mm	23.70	Metre	2133.00
					15821.96
		Add 0.5% sundries, etc.			79.11
		Labour charges as per SD 42			10863.00
		Total			26764.07
		Rate per metre = Rs. 26764.07/90	297.38		
		Say Rs.	297.00		
SD 49					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 46			17693.96
		ADD			
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	3685.50
					21379.46
		Add 1/2% sundries, etc.			106.90
		Labour charges as per SD 48			10863.00
		Total			32349.36
		Rate per metre = Rs. 32349.36/90	359.44		
		Say Rs.	359.00		
SD 50					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 47			19152.50
		ADD			
90	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	3685.50
					22838.00
		Add 1/2% sundries, etc.			114.19
		Labour charges as per SD 43			17892.00
		Total			40844.19
		Rate per metre = Rs. 40844.19/90	453.82		
		Say Rs.	454.00		
SD 51					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 4 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 49			21379.46
		LESS			
360	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	14742.00
					6637.46
		ADD			
360	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	5958.00
					12595.46
		Add 1/2% sundries, etc.			62.98
		Labour charges as per SD 42			10863.00
		Total			23521.44
		Rate per metre = Rs. 23521.44/90	261.35		
		Say Rs.	261.00		
SD 52					
Supply and run of 4 of 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 49			21379.46
		LESS			
360	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	14742.00
90	Metre	MS heavy gauge MS conduit pipe 25mm	44.50	Metre	4005.00
1	Gross	Conduit saddles 25mm	51.30	Gross	51.30
					18798.30
					2581.16
		ADD			
360	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	21834.00
90	Metre	32mm heavy gauge conduit pipe	58.50	Metre	5265.00
1	Gross	32mm MS conduit saddles	66.80	Gross	66.80
					27165.80
					29746.96
		Add 1/2% sundries, etc.			148.73
		Labour charges as per SD 42			10863.00
		Total			40758.69
		Rate per metre = Rs. 40758.69/90	452.87		
		Say Rs.	453.00		
SD 53					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 6 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable heavy gauge MS conduit pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
540	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	22113.00
90	Metre	Heavy gauge MS conduit pipe 38mm	68.90	Metre	6201.00
300	Nos.	TW plugs 38mm x 25mm x 50mm	0.29	Each	87.00
1	Gross	MS conduit saddles 38mm	82.00	Gross	82.00
2	Gross	Brass screws 40mm ("1-1/2 No.6")	69.40	Gross	138.80
2.7	Kg.	14 SWG TC wire	630.00	Kg.	1701.00
1	Litre	Quality paint	227.60	Litre	227.60
LS		Cement 1/3 Bags = 302.00 / 3 = Rs.100.66 and Sand 2 Bag = Rs.327.00 = Total = Rs.427.66	427.66	LS	427.66
					30978.06
		Add 1/2% sundries, etc.			154.89
		Labour charges as per SD 42			10863.00
		Total			41995.95
		Rate per metre = Rs. 41995.95/90	466.62		
		Say Rs.	467.00		
SD 54					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection 14 SWG TC wire with painting of suitable colour					
180	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	2979.00
90	Metre	PVC rigid pipe 16mm (5/8")	13.75	Metre	1237.50
300	Nos.	TW plugs 38 x 25 x 50mm	0.29	Each	87.00
1	Gross	MS saddles 16mm	41.00	Gross	41.00
2	Gross	Brass screws 40mm ("1-1/2 No.6")	69.40	Gross	138.80
2.7	Kg.	14 SWG TC wire	630.00	Kg.	1701.00
LS		Cement 1/3 Bags = 302.00 / 3 = Rs.100.66 and Sand 2 Bag = Rs.327.00 = Total = Rs.427.66	427.66	LS	427.66
					6611.96
		Add 1/2 % sundries, etc.			33.06
		Labour charges as per SD 1			7242.00
		Total			13887.02
		Rate per metre = Rs. 13887.02/90	154.30		
		Say Rs.	154.00		
SD 55					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
180	Metre	1.5 sq.mm (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	2979.00
90	Metre	PVC rigid pipe 16mm	13.75	Metre	1237.50
2.7	Kg.	14 SWG TC wire	630.00	Kg.	1701.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
2.5	Bags	Cement	302.00	Bags	755.00
10	Bags	Sand	163.50	Bags	1635.00
					8307.50
		Add 1/2% sundries, etc.			41.54
		Labour charges as per SD 3			11928.00
		Total			20277.04
		Rate per metre = Rs. 20277.04/90	225.30		
		Say Rs.	225.00		
SD 56					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 44			13040.03
		LESS			
90	Metre	MS conduit pipe 19mm	36.20	Metre	3258.00
					9782.03
		ADD			
90	Metre	PVC rigid pipe 19mm	20.00	Metre	1800.00
					11582.03
		Add 1/2% sundries, etc.			57.91
		Labour charges as per SD 1			7242.00
		Total			18881.94
		Rate per metre = Rs. 18881.94/90	209.80		
		Say Rs.	210.00		
SD 57					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 45			14720.00
		LESS			
90	Metre	MS conduit pipe 19mm	36.20	Metre	3258.00
					11462.00
		ADD			
90	Metre	PVC rigid pipe 19mm	20.00	Metre	1800.00
					13262.00
		Add 1/2% sundries, etc.			66.31
		Labour charges as per SD 3			11928.00
		Total			25256.31
		Rate per metre = Rs. 25256.31/90	280.63		
		Say Rs.	281.00		
SD 58					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 2 of 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 56			11582.03
		LESS			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	7371.00
					4211.03
		ADD			
180	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	10917.00
					15128.03
		Add 1/2% sundries, etc.			75.64
		Labour charges as per SD 1			7242.00
		Total			22445.67
		Rate per metre = Rs. 22445.67/90	249.40		
		Say Rs.	249.00		
SD 59					
Supply and run of 2 of 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 57			13262.00
		LESS			
180	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	7371.00
					5891.00
		ADD			
180	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	10917.00
					16808.00
		Add 1/2% sundries, etc.			84.04
		Labour charges as per SD 3			11928.00
		Total			28820.04
		Rate per metre = Rs. 28820.04/90	320.22		
		Say Rs.	320.00		
SD 60					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 49			21379.46
		LESS			
90	Metre	Heavy gauge MS conduit pipe 25mm	44.50	Metre	4005.00
					17374.46
		ADD			
90	Metre	PVC rigid pipe 25mm	29.80	Metre	2682.00

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
					20056.46
		Add 1/2% sundries, etc.			100.28
		Labour charges as per SD 1			7242.00
		Total			27398.74
		Rate per metre = Rs. 27398.74/90	304.43		
		Say Rs.	304.00		
SD 61					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection of 14 SWG TC wire and making good of the concealed portion with suitable colour					
		From SD 50			22838.00
		LESS			
90	Metre	Heavy gauge MS conduit pipe 25mm	44.50	Metre	4005.00
					18833.00
		ADD			
90	Metre	PVC rigid pipe 25mm	29.80	Metre	2682.00
					21515.00
		Add 1/2% sundries, etc.			107.58
		Labour charges as per SD 3			11928.00
		Total			33550.58
		Rate per metre = Rs. 33550.58/90	372.78		
		Say Rs.	373.00		
SD 62					
Supply and run of 4 of 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe on wall and ceiling with continuous earth Wire connection of 14 SWG TC wire with painting of suitable colour					
		From SD 52			29746.96
		LESS			
90	Metre	Heavy gauge MS conduit pipe 32mm	58.50	Metre	5265.00
					24481.96
		ADD			
90	Metre	PVC rigid pipe 32mm	45.10	Metre	4059.00
					28540.96
		Add 1/2% sundries, etc.			142.70
		Labour charges as per SD 1			7242.00
		Total			35925.66
		Rate per metre = Rs. 35925.66/90	399.17		
		Say Rs.	399.00		
SD 63					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 4 of 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in suitable PVC rigid pipe concealed in wall and ceiling with continuous earth wire connection by 14 SWG TC wire and making good of the concealed portion with suitable colour					
360	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	21834.00
2.7	Kg.	14 SWG TC wire	630.00	Kg.	1701.00
90	Metre	PVC rigid pipe 32mm	45.10	Metre	4059.00
2.5	Bags	Cement	302.00	Bags	755.00
10	Bags	Sand	163.50	Bags	1635.00
					29984.00
		Add 1/2% sundries, etc.			149.92
		Labour charges as per SD 3			11928.00
		Total			42061.92
		Rate per metre = Rs. 42061.92/90	467.35		
		Say Rs.	467.00		
SD 64					
OVER HEAD MAINS					
Supply and run of 2 of 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade on 7/20 GI bearer wire for service connection mains					
180	Metre	1.5 sqmm (22/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade	16.55	Metre	2979.00
4	Kg.s	7/20 stay wire (bearer wire)	101.50	Kg.	406.00
180	Nos.	Reel insulators	6.60	Dozen	99.00
1	Kg.	GI binding wire	101.50	Kg.	101.50
					3585.50
		Add 1% sundries, etc.			35.86
		Labour charges			4172.00
		Total			7793.36
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
3	Nos.	Electrical Helper	611.00	Each	1833.00
					4172.00
		Rate per metre = Rs. 7793.36/90	86.59		
		Say Rs.	87.00		
SD 65					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V on 7 / 20 GI bearer wire for service connection mains					
		From SD 64			87.00
		LESS			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
2	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	33.10
					53.90
		ADD			
2	Metre	4.0 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	81.90
		Total			135.80
		Rate per metre Rs.	135.80		
		Say Rs.	136.00		
SD 66					
Supply and run of 2 of 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V on 7 / 20 GI bearer wire for service connection mains					
		From SD 65			135.80
		LESS			
2	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	81.90
					53.90
		ADD			
2	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	121.30
		Total			175.20
		Rate per metre Rs.	175.20		
		Say Rs.	175.00		
SD 67					
Supply and run of 4 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade on 7 / 20 GI bearer wire for service connection mains					
360	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	14742.00
360	Nos.	Reel insulators	6.60	Dozen	198.00
4	Kg.	7/20 GI wire	101.50	Kg.	406.00
2	Kg.	Binding wire	101.50	Kg.	203.00
					15549.00
		Add 1% sundries, etc.			155.49
		Labour charges As per SD 64 + 1 No. Electrical Helper (4172 + 611)			4783.00
		Total			20487.49
		Rate per metre = Rs. 20487.49/90	227.64		
		Say Rs.	228.00		
SD 68					
Supply and run of 4 x 6 sq.mm. (84 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V on 7 / 20 GI bearer wire for service connection mains					
		From SD 67			228.00
		LESS			
4	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	163.80
					64.20
		ADD			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
4	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	242.60
		Total			306.80
		Rate per metre Rs.	306.80		
		Say Rs.	307.00		
SD 69					
Supply and run of 2 x 1.5 sq.mm. (22 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains					
16	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	264.80
8	Metre	25mm GI pipe (Class 'B')	128.00	Metre	1024.00
4	Metre	Angle iron (40 x 40x 6mm) (1 metre = 3.25 kg.)	57.60	Kg.	748.80
					2037.60
		Add 1% sundries, etc.			20.38
		Labour charges			2639.00
		Total			4696.98
		LABOUR DETAILS			
0.5	No.	Electrical Maistry	898.00	Each	449.00
1	No.	Wireman Grade-I	783.00	Each	783.00
1	No.	Electrical Helper	611.00	Each	611.00
1	No.	Plumber II Class	796.00	Each	796.00
					2639.00
		Rate per metre = Rs. 4696.98/8	587.12		
		Say Rs.	587.00		
SD 70					
Supply and run of 2 of 4 sq.mm. (56 / 0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron upright and end supports for mains					
		From SD 69			587.00
		LESS			
2	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	33.10
					553.90
		ADD			
2	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	81.90
		Total			635.80
		Rate per metre Rs.	635.80		
		Say Rs.	636.00		
SD 71					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 2 of 6 sq.mm. (84/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') bent at both ends with necessary angle iron up right and end supports for mains					
		From SD 69			587.00
		LESS			
2	Metre	1.5 sq.mm. (22 / 0.3) PVC unsheathed SC copper cable	16.55	Metre	33.10
					553.90
		ADD			
2	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	121.30
		Total			675.20
		Rate per metre Rs.	675.20		
		Say Rs.	675.00		
SD 72					
Supply and run of 4 of 4 sq.mm. (56/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in 25mm dia GI pipe (Class 'B') bent at both ends with necessary angle iron up right and end supports for mains					
		From SD 70			636.00
		ADD			
2	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	81.90
		Total			717.90
		Rate per metre Rs.	717.90		
		Say Rs.	718.00		
SD 73					
Supply and run of 4 x 6 sq.mm. (84/0.3) PVC insulated SC unsheathed copper conductor of 1100V grade in 32mm dia GI pipe (Class 'B') suitably bent at both ends with necessary angle iron up right and end supports for mains					
		From SD 72			718.00
		LESS			
4	Metre	4 sq.mm. (56 / 0.3) PVC unsheathed SC copper cable	40.95	Metre	163.80
1	Metre	25mm GI pipe (Class 'B')	128.00	Metre	128.00
					291.80
		ADD			426.20
4	Metre	6 sq.mm. (84 / 0.3) PVC unsheathed SC copper cable	60.65	Metre	242.60
1	Metre	32mm GI pipe (Class 'B')	151.40	Metre	151.40
					394.00
		Total			820.20
		Rate per metre Rs.	820.20		
		Say Rs.	820.00		
SD 74					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and run of 1 of No.8 SWG GI wire for earth connection					
9.5	Kg.	No.8 SWG GI wire (90 metre)	101.50	Kg.	964.25
0.5	Kg.	U nails	21.30	Kg.	10.65
					974.90
		Add 1% sundries, etc.			9.75
		Labour charges			1389.00
		Total			2373.65
		LABOUR DETAILS			
1	No.	Wireman Grade-II	778.00	Each	778.00
1	No.	Electrical Helper	611.00	Each	611.00
					1389.00
		Rate per metre = Rs. 2373.65/90	26.37		
		Say Rs.	26.00		
SD 75					
Supply and run of 2 of No.8 SWG GI wire for guarding with cradle with No.8 SWG GI wire at the equal interval of 1.5 metre					
19	Kg.	(180 Mtr) No.8 SWG GI wire	101.50	Kg.	1928.50
8.44	Kg.	(80 Mtr) No.8 SWG GI for cradle	101.50	Kg.	856.66
1.35	Kg.	(40 Mtr) No.8 SWG GI wire for binding	101.50	Kg.	137.03
					2922.19
		Add 1% sundries, etc.			29.22
		Labour charges			5242.00
		Total			8193.41
		LABOUR DETAILS			
1	No.	Electrical Maistry	898.00	Each	898.00
2	Nos.	Wireman Grade-I	783.00	Each	1566.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					5242.00
		Rate per metre = Rs. 8193.41/90	91.04		
		Say Rs.	91.00		
SD 76					
Supply and run of 25mm x 3mm tinned copper flat with necessary clamps / supports on wall / floor / ground for earth connection					
0.72	Kg.	25mm x 3mm copper flat (1 metre = 0.72 Kg.)	562.00	Kg.	404.64
1	No.	MS clamp supports(MR)	6.60	Each	6.60
					411.24
		ADD			
		2% sundries, etc.			8.22
		Labour charges			47.33

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Total			466.80
		Rate per metre Rs.	466.80		
		Say Rs.	467.00		
SD 77					
Supply and run of 25mm x 6mm tinned copper flat with necessary clamps / supports on wall / floor / ground for earth connection					
1.44	Kg.	25mm x 6mm copper flat (1 metre = 1.44 Kg.)	562.00	Kg.	809.28
1	No.	MS clamp supports(MR)	6.60	Each	6.60
					815.88
		ADD			
		2% sundries, etc.			16.32
		Labour charges			47.33
		Total			879.53
		Rate per metre Rs.	879.53		
		Say Rs.	880.00		
SD 78					
Coil earth to street light poles with No.8 SWG GI wire of 11.5 metres of length in which 10 metres of total length compressed in to a coil of one meter length (75mm to 100mm dia) connected suitable with hexagonal earth bolt of size 8mm in to 25mm welded on the pole at one end with a coil position fixed on the earth					
1.21	Kg.	Earthing coil of 11.5 Metre length of No.8 SWG GI wire [0.105 Kg. / metre]	101.50	Kg.	122.82
LS		Exavation and refilling charges (MR)	38.40	LS	38.40
LS		Sundries and such the hexagonal bolt, washer and nuts (MR)	6.20	LS	6.20
		Labour charges including welding charges	77.70		77.70
		Total			245.12
		Rate per set Rs.	245.12		
		Say Rs.	245.00		
SD 79					
Supply and fixing of fancy glass shade and 40W bulb for BH point					
1	No.	Battern holder (Bakelite)	16.65	Each	16.65
1	No.	Fancy glass shade (MR)	29.00	Each	29.00
1	No.	40W Bulb	9.45	Each	9.45
					55.10
		Add 2-1/2% sundries, etc.			1.38
		Labour charges (2778 / 20)			138.90
		Total			195.38
LABOUR DETAILS					
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					2778.00

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Rate per each Rs.	195.38		
		Say Rs	195.00		
SD 80					
Supply and fixing of fancy glass shade and 11W CFL for BH point					
1	No.	Battern holder (Bakelite)	16.65	Each	16.65
1	No.	Fancy glass shade (MR)	29.00	Each	29.00
1	No.	11W CFL	77.00	Each	77.00
					122.65
		Add 2-1/2% sundries, etc.			3.07
		Labour charges (2778 / 20)			138.90
		Total			264.62
		LABOUR DETAILS			
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
				2778.00	
		Rate per each Rs.	264.62		
		Say Rs.	265.00		
SD 81					
Supply and fixing of 300mm SL bracket with fancy glass shade and 40W bulb					
1	No.	300mm SL bracket (MR)	35.70	Each	35.70
1	No.	Fancy glass shade (MR)	29.00	Each	29.00
1	No.	40W Bulb	9.45	Each	9.45
					74.15
		Add 2-1/2% sundries, etc.			1.85
		Labour charges (3389 / 15)			225.93
		Total			301.94
		LABOUR DETAILS			
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
3	Nos.	Electrical Helper	611.00	Each	1833.00
				3389.00	
		Rate per each Rs.	301.94		
		Say Rs.	302.00		
SD 82					
Supply and fixing of 230mm SL Bracket with fancy glass shade with 40W bulb					
		From SD 81			302.00
		LESS			
1	No.	300 mm SL bracket	35.70	Each	35.70
					266.30

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		ADD			
1	No.	230 mm SL bracket	32.70	Each	32.70
		Total			299.00
		Rate per each Rs.	299.00		
		Say Rs.	299.00		
SD 83					
Supply and fixing of WT bulk head fitting with guard suitable for 11W CFL lamp with CFL					
1	No.	WT bulk head fitting for 11W CFL	277.60	Each	277.60
1	No.	11W CFL	77.00	Each	77.00
					354.60
		Add 5% sundries, etc.			17.73
		Labour charges as per SD 81			225.93
		Total			598.26
		Rate per each Rs.	598.26		
		Say Rs.	598.00		
SD 84					
Supply and fixing of WT bulk head fitting with guard suitable for incandescent lamp with 60W bulb					
1	No.	WT bulk head fitting for incandescent lamp	277.60	Each	277.60
1	No.	60W bulb	9.45	Each	9.45
					287.05
		Add 5% sundries, etc.			14.35
		Labour charges as per SD 81			225.93
		Total			527.34
		Rate per each Rs.	527.34		
		Say Rs.	527.00		
SD 85					
Supply and fixing of WT bulk head fitting suitable for incandescent lamp with guard and 100W bulb					
		From SD 84			527.00
		LESS			
1	No.	60W bulb	9.45	Each	9.45
					517.55
		ADD			
1	No.	100W bulb	9.45	Each	9.45
		Total			527.00
		Rate per each Rs.	527.00		
		Say Rs.	527.00		
SD 86					
Supply and fixing of ceiling fixture 250 / 300mm complete with gallery etc clear glass Opac / Crystal suitable for 40W / 60W bulb with bulb					
1	No.	Ceiling flxture (250 / 300mm) complete with gallery	164.00	Each	164.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	40W / 60W bulb	9.45	Each	9.45
LS		Wood base	10.70	LS	10.70
					184.15
		Add 1% sundries, etc.			1.84
		Labour charges (4172 / 16)			260.75
		Total			446.74
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
3	Nos.	Electrical Helper	611.00	Each	1833.00
					4172.00
		Rate per each Rs.	446.74		
		Say Rs.	447.00		
SD 87					
Supply and fixing of single box type 4'36W fluorescent fitting complete with electronic ballast with TW round blocks on wall or ceiling with flu tube with PVC unsheathed Copper leads from terminals to the fitting					
1	No.	Single box type 4'36W fluorescent fitting [(309.00 - (206.50 + 9.45 + 33.30))]	59.75	Each	59.75
1	No.	36W / 40W Electronic ballast	279.20	Each	279.20
1	No.	4'36W fluorescent tube	35.40	Each	35.40
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	10.45
					395.96
		Add 1% sundries, etc.			3.96
		Labour charges as per SD 86			260.75
		Total			660.67
		Rate per each Rs.	660.67		
		Say Rs.	661.00		
SD 88					
Supply and fixing of single box type 4'40W fluorescent fitting complete with copper choke and condensor with TW round blocks on wall or ceiling with flu tube with PVC unsheathed copper leads from terminals to the fitting					
1	No.	Single box type 4'40W fluorescent fitting	309.00	Each	309.00
1	No.	4'40W fluorescent tube	36.20	Each	36.20
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	10.45
					366.81
		Add 1% sundries, etc.			3.67
		Labour charges as per SD 86			260.75
		Total			631.23
		Rate per each Rs.	631.23		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Say Rs.	631.00		
SD 89					
Supply and fixing of single box type 4'40W fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from terminals to the fitting with tube					
1	No.	Single box type 4'40W fluorescent fitting complete	309.00	Each	309.00
1	No.	4'40W fluorescent tube	36.20	Each	36.20
2	Nos.	TW round block	5.58	Each	11.16
1.5	Metre	Conduit pipe 19mm	36.20	Metre	54.30
2	Nos.	Ball and socket with check nuts	12.80	Each	25.60
2	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	20.90
					457.16
		Add 1% sundries, etc.			4.57
		Labour charges as per SD 86 and taking 10 units per day (4172 / 10)			417.20
		Total			878.93
		Rate per each Rs.	878.93		
		Say Rs.	879.00		
SD 90					
Supply and fixing of 4'40W twin box type fluorescent fitting complete with copper choke and condensor with TW round block on wall or ceiling with tubes and PVC unsheathed copper leads from terminal to the fitting with fluorescent tubes					
1	No.	Twin box type 4'40W fluorescent fitting complete	579.00	Each	579.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	10.45
					673.01
		Add 1% sundries, etc.			6.73
		Labour charges as per SD 86			260.75
		Total			940.49
		Rate per each Rs.	940.49		
		Say Rs.	940.00		
SD 91					
Supply and fixing of 4'40W twin box type fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from ceiling with PVC unsheathed copper leads from terminals to the fitting with fluorescent Tubes					
1	No.	Twin box type 4'40W fluorescent fitting complete	579.00	Each	579.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40
2	Nos.	TW round block	5.58	Each	11.16
1.5	Metre	MS conduit pipe 19mm	36.20	Metre	54.30

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
2	Nos.	Ball and socket with check nuts etc	12.80	Each	25.60
2	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	20.90
					763.36
		Add 1% sundries, etc.			7.63
		Labour charges as per SD 89			417.20
		Total			1188.19
		Rate per each Rs.	1188.19		
		Say Rs.	1188.00		
SD 92					
Supply and fixing of 4'40W single industrial type fluorescent fitting complete with copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from the terminals to the fitting with fluorescent Tube					
		From SD 89			879.00
		LESS			
1	No.	Single box type fitting	309.00	Each	309.00
					570.00
		ADD			
1	No.	Single industrial type 4'40W fluorescent fitting	855.00	Each	855.00
		Total			1425.00
		Rate per each Rs.	1425.00		
		Say Rs.	1425.00		
SD 93					
Supply and fixing of 4'40W twin industrial type fluorescent fitting complete copper choke and condensor with conduit pipe suspension from the ceiling with PVC unsheathed copper leads from the terminals to the fitting with fluorescent Tubes					
		From SD 91			1188.00
		LESS			
1	No.	Twin box type 4'40W fluorescent fitting	579.00	Each	579.00
					609.00
		ADD			
1	No.	Twin industrial type 4'40W fluorescent fitting	1050.00	Each	1050.00
		Total			1659.00
		Rate per each Rs.	1659.00		
		Say Rs.	1659.00		
SD 94					
Supply and fixing of 4'40W twin street light fluorescent fitting complete with copper choke and condensor with 19mm dia GI pipe (Class 'B') with 1 No. 19mm GI bend complete on the existing post / wall with 16A aerial fuse unit on MS plate with PVC unsheathed copper leads with MS clarnps and aluminium painting with fluorescent tubes					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	4'40W twin street light fitting	872.00	Each	872.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40
1	Metre	19mm dia GI pipe (Class 'B')	98.60	Metre	98.60
1	Nos.	19mm dia GI bend	23.20	Each	23.20
5	Metre	1 sq.mm. PVC copper wire	10.45	Metre	52.25
1	No.	16A aerial fuse unit on suitable MS plate with bolts and nuts and painting	67.70	Each	67.70
2	Nos.	MS clamp set complete	24.50	Each	49.00
					1235.15
		Add: 1% sundries, etc.			12.35
		Labour charges (4344 / 5)			868.80
		Total			2116.30
		LABOUR DETAILS			
2	Nos.	Wireman Grade-I	783.00	Each	1566.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					4344.00
		Rate per each Rs.	2116.30		
		Say Rs.	2116.00		
SD 95					
Supply and fixing of 4'40W twin street light fluorescent fitting complete with copper choke and condensor with 32mm dia GI pipe (Class 'B') with 1 No. 32mm GI bend complete on the existing post wall with 16A aerial fuse unit on MS plate with PVC unsheathed copper leads MS clamps and aluminium painting with fluorescent tubes					
1	No.	4'40W twin street light fitting	872.00	Each	872.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40
1	Metre	32mm dia GI pipe (Class 'B')	151.40	Metre	151.40
2	Nos.	MS clamp set complete	24.50	Each	49.00
5	Metre	1 sq.mm copper wire	10.45	Metre	52.25
1	No.	16A aerial fuse unit on suitable MS plate with bolts and nuts and painting	67.70	Each	67.70
1	No.	32mm GI bend	69.80	Each	69.80
					1334.55
		Add 1% sundries, etc.			13.35
		Labour charges as per SD 94			868.80
		Total			2216.70
		Rate per each Rs.	2216.70		
		Say Rs.	2217.00		
SD 96					
Supply and fixing of 4'40W twin mirror optic suspension type fitting complete with louvers cover complete with copper choke and condensor with conduit pipe suspension with PVC unsheathed copper leads from the terminals to the fittings with fluorescent tubes					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	4'40W twin mirror optic suspension type fitting with louvers cover	2658.00	Each	2658.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40
1.5	Metre	I9mm dia MS conduit pipe	36.20	Metre	54.30
2	Nos.	TW round blocks	5.58	Each	11.16
2	Nos.	Ball and socket with check nuts etc	12.80	Each	25.60
2	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	20.90
					2842.36
		Add 1% sundries, etc.			28.42
		Labour charges as per SD 89			417.20
		Total			3287.98
		Rate per each Rs.	3287.98		
		Say Rs.	3288.00		
SD 97					
Supply and fixing of 4'40W twin mirror optic recessed mounting type fitting complete with copper chokes and condensor with louvers cover on wall or ceiling with PVC unsheathed leads from terminals to the fitting with fluorescent tubes					
1	No.	4'40W twin mirror optic recessed mounting fitting	1949.00	Each	1949.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40
2	Nos.	TW round block	5.58	Each	11.16
1	Metre	Connecting leads by 1 sq.mm. PVC copper wire	10.45	Metre	10.45
					2043.01
		Add 1% sundries, etc.			20.43
		Labour charges as per SD 86			260.75
		Total			2324.19
		Rate per each Rs.	2324.19		
		Say Rs.	2324.00		
SD 98					
Supply and fixing of 65mm dia GI pipe (Class 'B') of 4 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom and with concreting and construction on masonry pedestal with MS box of 30cm x 20cm x 10cm with angle iron frame work with door with lock and key arrangements and with supply and fixing of post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories with complete set with spherical / ribbed / conical acrylic cover suitable for 125W MV lamp with supply and fixing of 1 No. 125W MV lamp and with supply and fixing of 16A fuse unit (500V), 5A SP switch inside the MS box and painting with suitable colour					
4	Metre	65mm dia GI pipe (Class 'B')	244.40	Metre	977.60
1	No.	300mm x 300mm x 6mm base plate with duly welding (MR)	225.40	Each	225.40
1	No.	Concreting and masonry work for fixing the post MS box	1087.00	Each	1087.00
1	No.	MS box of 30cm x 20cm x 10cm with angle iron frame work for housing the condensor, choke fuse unit SP switch with lock and key arrangements	351.20	Each	351.20

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	16A fuse unit (500V)	48.05	Each	48.05
1	No.	5A SP switch	194.50	Dozen	16.21
1	No.	Post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories (spherical / ribbed / conical acrylic cover) suitable for 125W MV lamps of with bulb (3141 + 175.40)	3316.40	Each	3316.40
1	No.	TW plank for 5A switch and fuse unit	15.80	Each	15.80
8	Metre	1 sq.mm. PVC copper wire	10.50	Metre	84.00
					6121.66
		Add 1% sundries, etc.			61.22
		Labour charges			3169.50
		Total			9352.37
		LABOUR DETAILS			
0.5	Nos.	Wireman Grade-I	783.00	Each	391.50
2	Nos.	Wireman Grade-I	778.00	Each	1556.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					3169.50
		Rate per each Rs.	9352.37		
		Say Rs.	9352.00		
SD 99					
Supply and fixing of 65mm dia GI pipe (Class 'B') of 4 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom and with concreting and construction on masonry pedestal with MS box of 30cm x 20cm x 10cm with angle iron frame work with door with lock and key arrangements and with supply and fixing of post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories with complete set with spherical / ribbed / conical acrylic cover suitable for 70W SV lamp with supply and fixing of 1 No. 70W SV lamp and with supply and fixing of 16A fuse unit, (500V), 5A SP switch inside the MS box and painting with suitable colour					
		From SD 98			6121.66
		LESS			
1	No.	Post top lantern fitting (integral type) with copper choke and condensor and accessories suitable for 125W MV lamp	3316.40	Each	3316.40
					2805.26
		ADD			
1	No.	Post top lantern fitting of (integral type) with copper choke and condensor and necessary accessories suitable for 70W SV lamp fitting (spherical / ribbed / conical acrylic cover) with lamp (3310+433)	3743.00	Each	3743.00
					6548.26
		Add 1% sundries, etc.			65.48
		Labour Charges as per SD 98			3169.50

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Total			9783.24
		Rate per each Rs.	9783.24		
		Say Rs.	9783.00		
SD 100					
Supply and fixing of 65mm dia GI pipe (Class 'B') 4 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom with concreting and construction of masonry pedestal with MS box of 30cm x 20cm x 10cm with angle iron frame work with door and lock and key arrangements with supply and fixing of Post top lantern fitting with SC holder with complete set suitable for 160W blended lamp with supply and fixing of 1No. 160W blended lamp and with supply and fixing of 1No. 16A fuse unit (500V) and 5A SP switch inside the MS box with PVC unsheathed leads and painting of suitable colour					
		From SD 98			6121.66
		LESS			
1	No.	Post top lantern fitting of integral type with choke and condensor and accessories suitable for 125W MV lamp (3110 + 173.70)	3316.40	Each	3316.40
					2805.26
		ADD			
1	No.	Post top lantern fitting with SC holder suitable for 160W blended lamp (1807 + 232.60)	2039.60	Each	2039.60
					4844.86
		Add 1% sundries, etc.			48.45
		Labour charges as per SD 98			3169.50
		Total			8062.81
		Rate per each Rs.	8062.81		
		Say Rs.	8063.00		
SD 101					
Supply and fixing of 65mm (2-1/2") GI pipe (Class 'B') of 6 metre length with 300mm x 300mm x 6mm MS base plate duly welded at the bottom with concreting with construction of masonry pedestal with suitable MS box to house 5A control switch 16A fuse unit (500V) etc with suitable angle iron frame work with door and with lock and key arrangements and with supply and fixing of 4'40W twin street light fluorescent fitting with copper chokes and condenser with fluorescent tubes with 1 metre of 32mm dia GI pipe (Class 'B') complete with necessary clamps on the above post with PVC unsheathed leads with painting of suitable colour					
6	Metre	65mm dia GI pipe (Class 'B')	244.40	Metre	1466.40
1	Metre	32mm dia GI pipe (Class 'B')	151.40	Metre	151.40
1	No.	Concreting and masonry work for fixing the post and MS box	1087.00	Each	1087.00
1	No.	32mm GI bend	69.80	Each	69.80
1	No.	4'40W twin street light fitting complete with choke and condenser	872.00	Each	872.00
2	Nos.	4'40W fluorescent tube	36.20	Each	72.40

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	300mm x 300mm x 6mm MS base plate with duly welding (MR)	250.00	Each	250.00
1	No.	16A fuse unit (500V)	48.05	Each	48.05
1	No.	5A SP switch F/T	194.50	Dozen	16.21
15	Metre	1 sq.mm. PVC unsheathed copper cable	10.45	Metre	156.75
1	No.	TW plank for 5A SP switch and fuse unit	15.80	Each	15.80
1	No.	MS box with lock and key arrangements.	351.20	Each	351.20
					4557.01
		Add 1% sundries, etc.			45.57
		Labour charges as per SD 98			3169.50
		Total			7772.08
		Rate per each Rs.	7772.08		
		Say Rs.	7772.00		
SD 102					
Same as SD 101. But with supply and fixing of 4'40W single flourescent street light fitting with copper choke and condensor complete with flourescent tube					
		From SD 101			7772.00
		LESS			
1	No.	Twin street light fitting	872.00	Each	872.00
2	Nos.	Tube	36.20	Each	72.40
					944.40
		ADD			6827.60
1	No.	Single street light fitting	648.00	Each	648.00
1	No.	4'40W tube	36.20	Each	36.20
		Total			7511.80
		Rate per each Rs.	7511.80		
		Say Rs.	7512.00		
SD 103					
Supply and fixing of 1000W automatic electric water heater of 25 litres capacity suitable for 230V 50 c/s AC supply on suitable MS clamps with 3 core flex wire, but without plumbing work					
1	No.	25 litres capacity water heater complete suitable for 230V 50 c/s AC supply	6112.00	Each	6112.00
LS		Clamps screws etc	43.00	LS	43.00
					6155.00
		Add 0.5% sundries, etc.			30.78
		Labour charges			1389.00
		Total			7574.78
		LABOUR DETAILS			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	Wireman Grade-II	778.00	Each	778.00
1	No.	Electrical Helper	611.00	Each	611.00
					1389.00
		Rate per each Rs.	7574.78		
		Say Rs.	7575.00		
SD 104					
Supply and fixing of 1500W automatic electric water heater of 35 litres capacity suitable for 230V 50 c/s AC supply on suitable MS clamps with 3 core flex wire but without plumbing connection					
		From SD 103			6155.00
		LESS			
1	No.	1000 Watts 25 litres capacity water heater	6112.00	Each	6112.00
					43.00
		ADD			
1	No.	1500W suitable 35 litres capacity water heater complete suitable for 230V, 50 c/s AC supply	7081.00	Each	7081.00
					7124.00
		Add (0.50% sundries, etc.: Rs.35.62 + Labour charges: Rs.1,389.00)			1424.62
		Total			8548.62
		Rate per each Rs.	8548.62		
		Say Rs	8549.00		
SD 105					
Supply and fixing of AC / DC 76mm buzzer / call bell suitable for 230 volts 50 c/s single phase AC supply on suitable TW board with push switch					
1	No.	AC / DC 76mm (3") buzzer / call bell	41.70	Each	41.70
1	No.	Push switch	16.65	Each	16.65
1	No.	100mm x 100mm x 63mm TW board concealed type	15.30	Each	15.30
1	No.	TW round block	5.58	Each	5.58
					79.23
		Add 1% sundries, etc.			0.79
		Labour charges			195.75
		Total			275.77
		LABOUR DETAILS			
0.25	No.	Wireman Grade-I	783.00	Each	195.75
		Rate per each Rs.	275.77		
		Say Rs.	276.00		
SD 106					
Supply and fixing of 1200mm (48") sweep AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod with fan clamp with side plates and cross arm of size 450mm (18")					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator (1366 + 232.60)	1598.60	Each	1598.60
0.7	Metre	19mm (3/4") dia steam pipe	52.80	Metre	36.96
1	No.	Fan clamp with side plate and 45cm cross arm (18")	110.90	Each	110.90
3	Metre	1 sq.mm. PVC copper cable	10.45	Metre	31.35
					1777.81
		Add 1/2% sundries, etc.			8.89
		Labour charges (2783 / 4)			695.75
		Total			2482.45
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
1	No.	Wireman Grade-II	778.00	Each	778.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					2783.00
		Rate per each Rs.	2482.45		
		Say Rs.	2482.00		
SD 107					
Supply and fixing of 1200mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 1 meter down rod on the existing clamp					
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator	1598.60	Each	1598.60
0.7	Metre	19mm dia steam pipe	52.80	Metre	36.96
3	Metre	1 sq.mm. PVC copper cable	10.45	Metre	31.35
					1666.91
		Add 1/2% sundries, etc.			8.33
		Labour charges as per SD 98 (3169.5 / 5)			633.90
		Total			2309.14
		Rate per each Rs.	2309.14		
		Say Rs.	2309.00		
SD 108					
Supply and fixing of 1400mm sweep (56") AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod including fan clamp with side plates and cross arm of size 450mm					
		From SD 106			2482.00
		LESS			
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator (1366 + 232.60)	1598.60	Each	1598.60
					883.40
		ADD			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	1400mm (56") AC Ceiling fan with stepped electronic 300W regulator (1465.00 + 232.60)	1697.60	Each	1697.60
		Total			2581.00
		Rate per each Rs.	2581.00		
		Say Rs.	2581.00		
SD 109					
Supply and fixing of 1400mm sweep (56") AC ceiling fan complete with stepped electronic 300W regulator with 1 metre down rod on the existing clamp					
		From SD 107			2309.00
		LESS			
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator	1598.60	Each	1598.60
					710.40
		ADD			
1	No.	1400mm (56") AC Ceiling fan with stepped electronic 300W regulator	1697.60	Each	1697.60
		Total			2408.00
		Rate per each Rs.	2408.00		
		Say Rs.	2408.00		
SD 110					
Supply and fixing of 1200mm (48") AC ceiling fan complete with stepped electronic 300W regulator with 300mm down rod on the existing clamp					
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator (1366 + 232.60)	1598.60	Each	1598.60
1	Metre	1 sq.mm. PVC copper cable	10.45	Metre	10.45
					1609.05
		Add 1/2% sundries, etc.			8.05
		Labour charges as per SD 107			633.90
		Total			2251.00
		Rate per each Rs.	2251.00		
		Say Rs.	2251.00		
SD 111					
Supply and fixing of 1400mm (56") sweep AC ceiling fan complete with stepped electronic regulator with 300mm down rod on the existing clamp					
		FROM SD 110			2251.00
		LESS			
1	No.	AC ceiling fan of 1200mm sweep with stepped electronic 300W regulator	1598.60	Each	1598.60
					652.40
		ADD			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	1400mm (56") AC Ceiling fan with stepped electronic 300W Regulator	1697.60	Each	1697.60
		Total			2350.00
		Rate per each Rs.	2350.00		
		Say Rs.	2350.00		
SD 112					
Supply and fixing of 1200mm sweep AC ceiling fan complete with stepped electronic 300W regulator with the existing down rod on the existing clamps					
		From SD 110			2251.00
		LESS			
0.3	Metre	19mm dia steam pipe	52.80	Metre	15.84
		Total			2235.16
		Rate per each Rs.	2235.16		
		Say Rs	2235.00		
SD 113					
Supply and fixing 1400mm (56") sweep AC ceiling fan complete with stepped electronic 300W regulator with the existing down rod on the existing clamps					
		From SD 111			2350.00
		LESS			
0.3	Metre	19mm dia steam pipe	52.80	Metre	15.84
					2334.16
		Total			
		Rate per each Rs.	2334.16		
		Say Rs.	2334.00		
SD 114					
Supply and fixing of 300mm (12") sweep (light duty) AC exhaust fan complete with necessary wall opening and making good of the wall					
1	No.	Exhaust fan of 300mm (12") sweep (light duty) complete	1447.00	Each	1447.00
1	No.	Provision of hole in the wall and making good of the wall	337.60	Each	337.60
LS		Clamp fixing by coche screws, bolts and nuts including connecting leads	31.60	LS	31.60
					1816.20
		Add 1% sundries, etc.			18.16
		Labour charges (2005 / 4)			501.25
		Total			2335.61
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
2	Nos.	Electrical Helper	611.00	Each	1222.00	
					2005.00	
		Rate per each Rs.	2335.61			
		Say Rs.	2336.00			
SD 115						
Supply and fixing of 300mm (12") sweep (light duty) AC exhaust fan complete without provision of hole in the wall						
		From SD 114				1816.20
		LESS				
1	No.	Provision of hole in the wall	337.60	Each		337.60
						1478.60
		Add 1% sundries, etc.				14.79
		Labour charges as per SD 114				501.25
		Total				1994.64
		Rate per each Rs.	1994.64			
		Say Rs.	1995.00			
SD 116						
Supply and fixing of 375mm (15") sweep (light duty) AC exhaust fan complete with necessary wall opening and making of the wall						
		From SD 114				2336.00
		LESS				
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1447.00	Each		1447.00
						889.00
		ADD				
1	No.	Exhaust fan of 375mm (15") sweep (light duty)	1492.00	Each		1492.00
		Total				2381.00
		Rate per each Rs.	2381.00			
		Say Rs.	2381.00			
SD 117						
Supply and fixing of 375mm (15") sweep (light duty) AC exhaust fan complete without provision of holes in the wall						
		From SD 115				1995.00
		LESS				
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1447.00	Each		1447.00
						548.00
		ADD				
1	No.	Exhaust fan of 375mm (15") sweep (light duty)	1492.00	Each		1492.00
		Total				2040.00
		Rate per each Rs.	2040.00			
		Say Rs.	2040.00			
SD 118						

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 450mm (18") sweep (light duty) AC exhaust fan complete with necessary wall opening and making good of the wall					
		From SD 114			2336.00
		LESS			
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1447.00	Each	1447.00
					889.00
		ADD			
1	No.	Exhaust fan of 450mm (18") sweep (light duty)	2100.00	Each	2100.00
		Total			2989.00
		Rate per each Rs.	2989.00		
		Say Rs.	2989.00		
SD 119					
Supply and fixing of 450mm (18") sweep (light duty) AC dxhaust fan complete without provision of hole in the wall					
		From SD 115			1995.00
		LESS			
1	No.	Exhaust fan of 300mm (12") sweep (light duty)	1447.00	Each	1447.00
					548.00
		ADD			
1	No.	Exhaust fan of 450mm (18") sweep (light duty)	2100.00	Each	2100.00
		Total			2648.00
		Rate per each Rs.	2648.00		
		Say Rs.	2648.00		
SD 120					
Supply and fixing of louvers shutters arrangements for 300mm (12") sweep (light duty) AC exhaust fan					
1	No.	Louvers shutter arrangements for 300mm AC exhaust fan	222.90	Each	222.90
		Add 5% sundries, etc.			11.15
		Labour charges for fixing (1222 / 5)			244.40
		Total			478.45
		LABOUR DETAILS			
2	Nos.	Electrical Helper	611.00	Each	1222.00
		Rate per each Rs.	478.45		
		Say Rs.	478.00		
SD 121					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of louvers shutters arrangements for 375mm (15") sweep light duty AC Exhaust fan					
1	No.	Louvers shutter arrangements for 375mm (15") AC exhaust fan (light duty)	236.20	Each	236.20
		Add 5% sundries, etc.			11.81
		Labour charges as per SD 120			244.40
		Total			492.41
		Rate per each Rs.	492.41		
		Say Rs.	492.00		
SD 122					
Supply and fixing of light trap arrangements for 300mm (12") sweep (light duty) AC exhaust fan					
1	No.	Light trap arrangements for 300mm (12") sweep (light duty) AC exhaust fan	397.80	Each	397.80
		Sundries such as bolts, nuts, etc.			12.20
		Labour charges as per SD 120			244.40
		Total			654.40
		Rate per each Rs.	654.40		
		Say Rs.	654.00		
SD 123					
Supply and fixing of light trap arrangements for 450mm (18") sweep exhaust fan					
1	No.	Light trap arrangements for 450mm AC exhaust fan	480.10	Each	480.10
		Sundries such as bolts, nuts, etc.			12.20
		Labour charges as per SD 120			244.40
		Total			736.70
		Rate per each Rs.	736.70		
		Say Rs.	737.00		
SD 124					
Supply and fixing of 5A or 10A or 20A AC single phase 230V, 50 Hz Watt hour metre on suitable TW box complete with earth connections					
1	No.	5A or 10A, AC 50 cls single phase watthour meter	963.50	Each	963.50
LS		Earth connection	26.00	LS	26.00
1	No.	TW board 30cm x 20cm x 6.30cm	59.40	Each	59.40
					1048.90
		Add 1% sundries, etc.			10.49
		Labour charges (3117 / 10)			311.70
		Total			1371.09
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
3	Nos.	Wireman Grade-II	778.00	Each	2334.00
					3117.00
		Rate per each Rs.	1371.09		
		Say Rs.	1371.00		
SD 125					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of TNEB meter board suitable for 32A single phase service connection with 32A fuse unit (500V) 32A neutral link and earth link (1" x 1/8" copper flat) on TW plank of size 375mm x 300mm x 19mm with supporting TW reepers of 1" thick on either side with painting with suitable bolt and nuts for fixing the TW plank on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit					
1	No.	TW plank of size 375mm x 300mm x 19mm with supporting reepers of 1" thick on both side with painting and with bolt, nut and washer	240.10	Each	240.10
1	No.	32A fuse unit (500V)	85.20	Each	85.20
1	No.	32A neutral link	38.00	Each	38.00
1	No.	Earth link (1" x 1/8") copper flat	27.10	Each	27.10
LS		Earth connection as per SD 74	26.00	LS	26.00
2.5	Metre	Inter connection with 7/20 PVC insulated copper wire	60.70	Metre	151.75
					568.15
		Add 1% sundries, etc.			5.68
		Labour charges as per SD 124			311.70
		Total			885.53
		Rate per each Rs.	885.53		
		Say Rs	886.00		
SD 126					
Supply and fixing of 10A 400V, 50 Hz 3 phase 4 wire watt hour meter on suitable TW box with earth connection					
1	No.	10A 3 Phase 400V, 50 Hz watt hour meter	1987.00	Each	1987.00
1	No.	TW box 40cm x 30cm x 6cm (16" x 12" x 2-1/2")	153.60	Each	153.60
LS		Earth connection	26.00	LS	26.00
					2166.60
		Add 1% sundries, etc.			21.67
		Labour charges as per SD 124			311.70
		Total			2499.97
		Rate per each Rs.	2499.97		
		Say Rs	2500.00		
SD 127					
Supply and fixing of TNEB meter board suitable for 32A three phase service connection with 3 Nos. 32A fuse unit (500V) 32A neutral link and earth link (1" x 1/8" copper flat) on TW plank of size 600mm x 450mm x 19mm with supporting TW reepers of 1" thick on either side with painting with suitable bolt and nuts for fixing the TW plank on wall with earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit					
1	No.	TW plank of size 600mm x 450mm x 19mm with supporting reepers of 1" thick on both side with painting and with bolt, nut and washer	502.00	Each	502.00
3	Nos.	32A fuse unit (500V)	85.20	Each	255.60

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	32A neutral link	38.00	Each	38.00
1	No.	Earth link (1" x 1/8") copper flat	27.10	Each	27.10
LS		Earth connection	26.00	LS	26.00
8	Metre	Inter connection with 7/20 PVC insulated copper wire	60.70	Metre	485.60
					1334.30
		Add 1% sundries, etc.			13.34
		Labour charges as per SD 124 (Rs.311.70 x 2)			623.40
		Total			1971.04
		Rate per each Rs.	1971.04		
		Say Rs	1971.00		
SD 128					
Supply and fixing of 15A aerial fuse unit (500A) on suitable 100 x 100mm TW concealed box with hylem sheet on the tapping pole with necessary clamps					
1	No.	16A aerial fuse unit (500A)	48.05	Each	48.05
1	No.	100 x 100mm TW concealed box	13.80	Each	13.80
1	No.	Hylem sheet of 100mm x 100mm x 3mm	6.61	Each	6.61
LS		Tapping pole (clamping and fittings)	5.10	LS	5.10
					73.56
		Add 2% sundries, etc.			1.47
		Labour charges (783 / 4)			195.75
		Total			270.78
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
		Rate per each Rs.	270.78		
		Say Rs.	271.00		
SD 129					
Supply and fixing of TNEB meter board suitable for 3 phase 63A service connection made up of suitable angle iron frame work of size 2 feet x 1-1/2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 2 feet x 1/2 feet of 6mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 63A fuse units (500V), 1 No. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 16 Sq.mm PVC insulated copper wire with earth connection complete					
9.75	Kg.	Angle iron frame work of size 1-1/2" x 1-1/2" x 1/4" (1 metre = 3.25 Kg.)	57.60	Kg.	561.60
0.28	sqm.	Hylem sheet of 6mm thickness	1322.00	sqm.	370.16
3	Nos.	63A fuse Unit (500V)	190.20	Each	570.60
1	No	63A neutral link (MR)	67.80	Each	67.80
0.22	Kg.	1" x 1/4" copper flat (1Mtr = 1.44 Kg)	562.00	Kg.	123.64

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
6	Metre	16 sq.mm PVC insulated copper wire	149.25	Metre	895.50
					2589.30
		Add 2% sundries such as bolts, nuts, cement, sand etc			51.79
		Labour charges			2005.00
		Total			4646.09
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					2005.00
		Rate per each Rs.	4646.09		
		Say Rs.	4646.00		
SD 130					
Supply and fixing of TNEB meter board suitable for 3 phase 100A service connection made up of suitable angle iron frame work of size 2 feet x 1-1/2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 2 feet x 1-1/2 feet of 12mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 100A fuse units (500V), 1 No. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 16 Sq.mm PVC insulated copper wire with earth connection complete					
9.75	Metre	Angle iron frame work of size 1-1/2" x 1-1/2" x 1/4" (1 metre = 3.25 Kg.)	57.60	Kg.	561.60
0.28	sqm.	Hylem sheet of 12mm thickness	2644.00	sqm.	740.32
3	Nos.	100A fuse Unit (500V)	343.70	Each	1031.10
1	No.	100A neutral link (MR)	77.60	Each	77.60
0.22	Kg.	1" x 1/4" copper flat (1Mtr = 1.44 Kg)	562.00	Kg.	123.64
6	Metre	16 sq.mm PVC insulated copper wire	149.25	Metre	895.50
					3429.76
		Add 2% sundries such as bolts, nuts, cement, sand etc.			68.60
		Labour charges as per SD 129			2005.00
		Total			5503.36
		Rate per each Rs.	5503.36		
		Say Rs.	5503.00		
SD 131					
Supply and fixing of TNEB meter board suitable for 3 phase 200A service connection made up of suitable angle iron frame work of size 3 feet x 2 feet using angle iron of size 1-1/2" x 1-1/2" x 1/4" rigidly fixed on wall covered with hylem sheet of size 3 feet x 2 feet of 12mm thickness with necessary bolts and nuts supports and supply and fixing of 3 Nos. 200A fuse units (500V), 1 No. neutral link, copper earth flat of size 1" x 1/4" with inter connection of EB meter to fuse units by 19/16 PVC insulated copper wire with earth connection complete					
14.625	Kg.	Angle iron frame work of size 1-1/2" x 1-1/2" x 1/4" (1 metre = 3.25 Kg.)	57.60	Kg.	842.40
0.56	sqm.	Hylem sheet of 12mm thickness	2644.00	sqm.	1480.64

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
3	Nos.	200A fuse Unit (500V)	555.00	Each	1665.00
1	No.	200A neutral link	145.40	Each	145.40
0.22	Kg.	1" x 1/4" copper flat	562.00	Kg.	123.64
6	Metre	19/16 PVC copper wire (MR)	298.50	Metre	1791.00
					6048.08
		Add 2% sundries such as bolts, nuts, cement sand etc			120.96
		Labour charges as per SD 129			2005.00
		Total			8174.04
		Rate per each Rs.	8174.04		
		Say Rs.	8174.00		
SD 132					
Supply and fixing of 3 phase 32A aerial fuse unit for 3 Nos. 32A fuse units (500V) on suitable MS sheet covered with 6mm thick hylem sheet on suitable angle iron work the tapping pole with necessary clamps					
3	Nos.	32A fuse unit (500V)	85.20	Each	255.60
1.5	Kg.	40mm x 40mm x 6mm angle frame	57.60	Kg.	86.40
1	No.	MS sheet (15" x 12") (MR)	132.30	Each	132.30
1	No.	Hylem sheet 6mm	167.20	Each	167.20
		Tapping pole (clamping and fixing) as per SD 128 (5.10 x 3)			15.30
					656.80
		Add 2% sundries, etc.			13.14
		Labour charges as per SD 128 (195.75 x 2)			391.50
		Total			1061.44
		Rate per each Rs.	1061.44		
		Say Rs.	1061.00		
SD 133					
Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch on suitable TW box					
1	No.	5A 3 pin and 2 pin combined flush type wall socket only	24.10	Each	24.10
1	No.	TW board 150mm x 100mm x 68mm (MR)	39.30	Each	39.30
1	No.	5A flush type switch	194.50	Dozen	16.21
LS		Painting with primary and finishing coat for TW board (MR)	10.30	LS	10.30
					89.91
		Add 2% sundries, etc.			1.80
		Labour charges (2005 / 8)			250.63
		Total			342.33
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					2005.00
		Rate per each Rs.	342.33		
		Say Rs.	342.00		
SD 134					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box in flush with wall					
1	No.	5A 3 Pin and 2 pin combined flush type wall socket only	24.10	Each	24.10
1	No.	MS box 150mm x 100 mm x 75mm (MR)	70.70	Each	70.70
1	No.	5A flush type switch	194.50	Dozen	16.21
LS		Wall cutting, grouting, flushing and making good	27.00	LS	27.00
LS		Painting with primary and finishing coat for MS box(MR)	10.30	LS	10.30
					148.31
		Add 2% sundries, etc.			2.97
		Labour charges as per SD 129 (2005 / 6)			334.17
		Total			485.44
		Rate per each Rs.	485.44		
		Say Rs.	485.00		
SD 135					
Supply and fixing of 5A 3 pin and 2 pin combined flush type wall socket with 5A flush type switch concealed in suitable MS box in flush with wall and concealed with 3mm thick hylem sheet					
		From SD 134			485.00
		ADD			
1	No.	Hylem sheet cover 150mm x 100mm x 3 mm	9.90	Each	9.90
		Total			494.90
		Rate per each Rs.	494.90		
		Say Rs.	495.00		
SD 136					
Supply and fixing of 5A / 15A 3 pin combined flush type wall socket with 15A flush type switch on suitable TW Box					
1	No.	5A / 15A 3 pin combined flush type wall socket only	54.50	Each	54.50
1	No.	TW box 150mm x 100mm x 68mm	39.30	Each	39.30
1	No.	15A flush type switch	56.55	Each	56.55
LS		Painting of primary and finishing coat TW Board(MR)	10.30	LS	10.30
					160.65
		Add 2% sundries, etc.			3.21
		Labour charges as per SD 133			250.63
		Total			414.49
		Rate per each Rs.	414.49		
		Say Rs.	414.00		
SD 137					
Supply and fixing of 5A / 15A 3 pin combined flush type wall socket with 15A flush type switch concealed in suitable MS box flush with wall with painting					
1	No.	5A / 15 A 3 pin combined flush type wall socket only	54.50	Each	54.50
1	No.	MS box 150 x 100 x 75mm with painting	70.70	Each	70.70

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	15A flush type switch	56.55	Each	56.55
LS		Wall cutting, grouting, flushing & making good	27.00	LS	27.00
		Painting of primary and finishing cost for MS box(MR)	10.30	LS	10.30
					219.05
		Add 2% sundries, etc.			4.38
		Labour charges as per SD 134			334.17
		Total			557.60
		Rate per each Rs.	557.60		
		Say Rs.	558.00		
SD 138					
Supply and fixing of 5A / 15A 3 pin combined flush type wall socket with 15A flush type switch concealed in suitable MS box in flush with wall and covered with 3mm thick hylem sheet					
		From SD 137			557.60
		ADD			
1	No.	Hylem sheet 150mm x 100mm x 3 mm	9.90	Each	9.90
		Total			567.50
		Rate per each Rs.	567.50		
		Say Rs.	568.00		
SD 139					
Supply and fixing of 3 Nos. 5A (3 pin and 2 pin) combined flush type wall socket with control switches concealed in suitable TW box covered with hylem sheet in flush with wall with earth connection (for computer plug socket)					
3	Nos.	5A (3 pin and 2 pin) combined flush type wall socket	24.10	Each	72.30
3	Nos.	5A flush type switch	194.50	Dozen	48.63
1	No.	TW box 200 x 150 x 63mm (MR)	60.50	Each	60.50
1	No.	Hylem sheet 200 x 150 x 3mm	19.10	Each	19.10
LS		Painting with primary and finishing coat for TW Board (MR)	10.30	LS	10.30
LS		Cutting, grouting, flushing and making good	30.90	LS	30.90
					241.73
		Add 2% sundries, etc			4.83
		Labour charges as per SD 134			334.17
		Total			580.73
		Rate per each Rs.	580.73		
		Say Rs.	581.00		
SD 140					
Supply and fixing of 20A DP plug and socket in sheet enclosure with 32A DP MCB in flush with wall with earth connection (For AC Plug)					
1	No.	20A DP plug and socket in sheet steel enclosure	987.00	Each	987.00
1	No.	32A DP MCB	428.00	Each	428.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
LS		Wall cutting, grouting, flushing and earth connections	60.80	LS	60.80
					1475.80
		Add 2% Sundries			29.52
		Labour charges as per SD 134			334.17
		Total			1839.48
		Rate per each Rs.	1839.48		
		Say Rs	1839.00		
SD 141					
Supply and fixing of 16A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW box PWD earthing					
1	No.	16A DP switch with metal clad (side handle)	344.00	Each	344.00
1	No.	TW board 30cm x 20cm x 6cm (MR)	60.50	Each	60.50
1	No.	PWD earthing	2339.00	Each	2339.00
					2743.50
		Add 1% sundries, etc.			27.44
		Labour charges (2005 / 4)			501.25
		Total			3272.19
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Electrical Helper	611.00	Each	1222.00
					2005.00
		Rate per each Rs.	3272.19		
		Say Rs.	3272.00		
SD 142					
Supply and fixing of 16A DP switch of 500V with metal clad with fuse and neutral (side handle) on suitable TW board with earth connection only					
		From SD 141			3272.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					933.00
		ADD			
1	No.	Earth connection (SD 74)	26.00	Each	26.00
		Total			959.00
		Rate per each Rs.	959.00		
		Say Rs.	959.00		
SD 143					
Supply and fixing of 32A DP switch of 500V with metal clad with fuse and neutral (side handle) on suitable TW board with PWD earthing					
		From SD 141			3272.00
		LESS			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	No.	16A DP switch with fuse and neutral (side handle)	344.00	Each	344.00
					2928.00
		ADD			
1	No.	32A DP switch with fuse and neutral (side handle)	775.00	Each	775.00
		Total			3703.00
		Rate per each Rs.	3703.00		
		Say Rs.	3703.00		
SD 144					
Supply and fixing of 32A DP switch of 500V with metal clad with fuse and neutral (side handle) on suitable TW board with earth connection only					
		From SD 143			3703.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					1364.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			1390.00
		Rate per each Rs.	1390.00		
		Say Rs.	1390.00		
SD 145					
Supply and fixing of 4 way single phase DB of 16A / way with 16A, DP switch of 500V with metal clad (side handle) with fuse and neutral on suitable TW board with PWD earthing					
1	No.	4 way single phase DB with neutral link 16 A/ Way	462.00	Each	462.00
1	No.	16A DP switch of 500V (side handle)	344.00	Each	344.00
1	No.	TW box 40cm x 30cm x 6.30 cm	161.30	Each	161.30
1	No.	PWD earthing	2339.00	Each	2339.00
					3306.30
		Add 1% sundries, etc.			33.06
		Labour charges (2172 / 2)			1086.00
		Total			4425.36
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
1	No.	Wireman Grade-II	778.00	Each	778.00
1	No.	Electrical Helper	611.00	Each	611.00
					2172.00
		Rate per each Rs.	4425.36		
		Say Rs.	4425.00		
SD 146					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 4 way single phase DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable TW board with earth connection only					
		From SD 145			4425.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					2086.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			2112.00
		Rate per each Rs.	2112.00		
		Say Rs.	2112.00		
SD 147					
Supply and fixing of 4 way single phase DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable angle iron frame work with trunking box, MS cable entry box with PWD earthing					
1	No.	16A DP switch with fuse and neutral (side handle)	344.00	Each	344.00
1	No.	4way single phase DB with neutral link 16A/ way	462.00	Each	462.00
4.875	Kg.	Angle iron 38mm x 38mm x 6mm (1 metre = 3.25 Kg.)	57.60	Kg.	280.80
1	No.	MS trunking box	43.00	Each	43.00
1	No.	PWD earthing	2339.00	Each	2339.00
1	No.	Cable entry box	64.50	Each	64.50
					3533.30
		Add 1% sundries, etc.			35.33
		Labour charges (4172 / 3)			1390.67
		Total			4959.30
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
3	Nos.	Electrical Helper	611.00	Each	1833.00
					4172.00
		Rate per each Rs.	4959.30		
		Say Rs.	4959.00		
SD 148					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 4way SP DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable angle iron frame work with trunking box MS cable entry box with earth connection					
		From SD 147			4959.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					2620.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			2646.00
		Rate per each Rs.	2646.00		
		Say Rs.	2646.00		
SD 149					
Supply and fixing of 6 way SP DB of 16 A / way with 16 A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable TW board with PWD earthing					
1	No.	16A Single Phase DPMC switch F & N (Side Handle)	344.00	Each	344.00
1	No.	6 way SP DB with F & N link 16 A / way	631.00	Each	631.00
1	No.	TW Board 40 cm x 30cm x 6.3 cm (MR)	161.30	Each	161.30
1	No.	PWD Earthing.	2339.00	Each	2339.00
					3475.30
		Add 1% sundries, etc.			34.75
		Labour charges as per SD 145			1086.00
		Total			4596.05
		Rate per each Rs.	4596.05		
		Say Rs.	4596.00		
SD 150					
Supply and fixing of 6 way SP DB of 16A / way with 16A DP switch with metal clad of 500V (side handle) with fuse and neutral on suitable TW board with PWD earth connection only					
		From SD 149			4596.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					2257.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			2283.00
		Rate per each Rs.	2283.00		
		Say Rs.	2283.00		
SD 151					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 8 way SP DB of 16A / way with 16A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW board with PWD earthing					
		From SD 149			4596.00
		LESS			
1	No.	6 way SP DB with fuse and neutral	631.00	Each	631.00
					3965.00
		ADD			
1	No.	8 way SP DB with fuse and neutral	780.00	Each	780.00
		Total			4745.00
		Rate per each Rs.	4745.00		
		Say Rs.	4745.00		
SD 152					
Supply and fixing of 8 way SP DB of 16A / way with 16A DP switch with Metal clad of 500V with fuse and neutral on (front handle) on suitable TW board with earth connection only					
		From SD 151			4745.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					2406.00
		ADD			
1	No.	For earth connection(SD 74)	26.00	Each	26.00
		Total			2432.00
		Rate per each Rs.	2432.00		
		Say Rs.	2432.00		
SD 153					
Supply and fixing of 6 way SP DB of 16A / way with 16A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable angle iron frame work with trunking box MS cable entry box with PWD earthing					
		From SD 147			4959.00
		LESS			
1	No.	4 way SP DB with fuse and neutral	462.00	Each	462.00
					4497.00
		ADD			
1	No.	6 way SP DB with fuse and neutral	631.00	Each	631.00
		Total			5128.00
		Rate per each Rs.	5128.00		
		Say Rs.	5128.00		
SD 154					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 6 way SP DB of 16A / way with 16A DPIC switch of 500V with fuse and neutral (front handle) on suitable angle iron frame work with trunking box MS cable entry box with earth connection only					
		From SD 153			5128.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					2789.00
		ADD			
LS		Earth connection only (SD 74)	26.00	LS	26.00
		Total			2815.00
		Rate per each Rs.	2815.00		
		Say Rs.	2815.00		
SD 155					
Supply and fixing of 4 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW board with PWD earthing					
		From SD 145			4425.00
		LESS			
1	No.	16A DPMC switch (side handle)	344.00	Each	344.00
					4081.00
		ADD			
1	No.	32A DPMC switch (side handle)	775.00	Each	775.00
		Total			4856.00
		Rate per each Rs.	4856.00		
		Say Rs.	4856.00		
SD 156					
Supply and fixing of 4 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW board with earth connection					
		From SD 155			4856.00
		LESS			
1	No.	PWD Earthing	2339.00	Each	2339.00
					2517.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			2543.00
		Rate per each Rs.	2543.00		
		Say Rs.	2543.00		
SD 157					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 8 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW Board with PWD earthing					
		From SD 151			4745.00
		LESS			
1	No.	16A DPMC switch with fuse and neutral (side handle)	344.00	Each	344.00
					4401.00
		ADD			
1	No.	32A DPMC switch with fuse and neutral (side handle)	775.00	Each	775.00
		Total			5176.00
		Rate per each Rs.	5176.00		
		Say Rs.	5176.00		
SD 158					
Supply and fixing of 8 way SP DB with 32A DP Switch with metal clad of 500V with fuse and neutral (side handle) on suitable TW Board with earth connection only.					
		From SD 152			2432.00
		LESS			
1	No.	16A DPMC switch with fuse and neutral (side handle)	344.00	Each	344.00
					2088.00
		ADD			
1	No.	32A DPMC switch with fuse and neutral (side handle)	775.00	Each	775.00
		Total			2863.00
		Rate per each Rs.	2863.00		
		Say Rs.	2863.00		
SD 159					
Supply and fixing of 8 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable angle iron frame work with trunking box MS cable entry box with PWD earthing					
1	No.	32A DPIC switch	775.00	Each	775.00
1	No.	8 way DB of 16A / way with fuse and neutral link	780.00	Each	780.00
1	No.	MS trunking box (MR)	43.00	Each	43.00
5.52	Kg.	Angle iron frame (1.7 metre)	57.60	Kg.	317.95
1	No.	PWD earthing	2339.00	Each	2339.00
1	No.	Cable entry box	64.50	Each	64.50
					4319.45
		Add 1% sundries, etc.			43.19
		Labour charges (4172 / 2)			2086.00
		Total			6448.65
LABOUR DETAILS					
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
3	Nos.	Electrical Helper	611.00	Each	1833.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
				4172.00	
		Rate per each Rs.	6448.65		
		Say Rs.	6449.00		
SD 160					
Supply and fixing of 8 way SP DB of 16A / way with 32A DP switch with metal clad of 500V with fuse and neutral (side handle) on suitable angle iron frame work with trunking box with earth connection only					
		From SD 159			6449.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					4110.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			4136.00
		Rate per each Rs.	4136.00		
		Say Rs.	4136.00		
SD 161					
Supply and fixing of 16A TPN metal clad switch on suitable angle iron work with cable entry boxes for incoming and outgoing with PWD earthing					
1	No.	16A TPN metal clad switch	889.00	Each	889.00
1	No.	MS cable entry box (MR)	129.00	Each	129.00
4.875	Kg.	MS angle frame 38 x 38 x 6mm (1 metre = 3.25 Kg.)	57.60	Kg.	280.80
1	No.	PWD earthing	2339.00	Each	2339.00
					3637.80
		Add 1% sundries, etc.			36.38
		Labour charges as per SD 159			2086.00
		Total			5760.18
		Rate per each Rs.	5760.18		
		Say Rs.	5760.00		
SD 162					
Supply and fixing of 16A TPN metal clad switch on suitable angle iron frame work with MS cable entry boxes with earth connection only					
		From SD 161			5760.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					3421.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			3447.00
		Rate per each Rs.	3447.00		
		Say Rs.	3447.00		
SD 163					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 32A TPN metal clad switch on suitable angle iron frame work with MS cable entry boxes with PWD earthing					
		From SD 161			5760.00
		LESS			
1	No.	16A TPN metal clad switch	889.00	Each	889.00
					4871.00
		ADD			
1	No	32A TPN metal clad switch	1315.00	Each	1315.00
		Total			6186.00
		Rate per each Rs.	6186.00		
		Say Rs.	6186.00		
SD 164					
Supply and fixing of 32A TPNMC switch on suitable angle iron frame work with MS cable entry box with earth connection only					
		From SD 163			6186.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					3847.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			3873.00
		Rate per each Rs.	3873.00		
		Say Rs.	3873.00		
SD 165					
Supply and fixing of 63A TPNMC switch on suitable angle iron frame work with MS cable entry boxes with PWD earthing					
1	No.	63A TPNMC switch	2866.00	Each	2866.00
6.5	Kg.	Angle iron frame 38mm x 38mm x 6mm (2.0 metre)	57.60	Kg.	374.40
2	Nos.	MS cable entry boxes	129.00	Each	258.00
1	No.	PWD earthing	2339.00	Each	2339.00
					5837.40
		Add 1% sundries, etc.			58.37
		Labour charges as per SD 161			2086.00
		Total			7981.77
		Rate per each Rs.	7981.77		
		Say Rs.	7982.00		
SD 166					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 63A TPNMC switch with suitable angle iron frame work with MS cable entry boxes with earth connection only					
		From SD 165			7982.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					5643.00
		ADD			
LS		For earth connection (SD 74)	26.00	LS	26.00
		Total			5669.00
		Rate per each Rs.	5669.00		
		Say Rs.	5669.00		
SD 167					
Supply and fixing of 8 way single pole and neutral MCB sheet steel enclosure distribution board with double door (metal) 1 No. 32A DP MCB as incoming and 6 Nos. 6A to 32A SPMCB outgoing in flush with wall and making good of the concealed portion with earth connection only. The MCB DB and MCB's should be with ISI mark (like standard make)					
1	No.	8 way single pole and neutral MCB distribution board	801.00	Each	801.00
1	No.	32A DP MCB	428.00	Each	428.00
6	Nos.	6A to 32A SP MCB	128.00	Each	768.00
LS		Wall cutting, grouting, flushing etc	60.80	LS	60.80
LS		Earth connection (SD 74)	26.00	LS	26.00
					2083.80
		Add 1% sundries, etc.			20.84
		Labour charges as per SD 145			1086.00
		Total			3190.64
		Rate per each Rs.	3190.64		
		Say Rs.	3191.00		
SD 168					
Supply and fixing of 100A TPN sheet double break switch with HRC fuse and neutral on suitable angle iron frame work with MS cable entry boxes and with PWD earthing					
1	No.	100A TPN sheet steel double break switch with HRC fuses	5870.00	Each	5870.00
8.125	Kg.	Angle iron 38mm X 38mm x 6mm (2.5 metre)	57.60	Kg.	468.00
2	Nos.	MS cable entry boxes	129.00	Each	258.00
1	No.	PWD earthing	2339.00	Each	2339.00
					8935.00
		Add 1% ssundries, etc.			89.35

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Labour charges as per SD 159			2086.00
		Total			11110.35
		Rate per each Rs.	11110.35		
		Say Rs.	11110.00		
SD 169					
Supply and fixing of 100A TPN sheet double break switch with HRC fuse and neutral on suitable angle iron frame work with earth connection only					
		From SD 168			11110.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					8771.00
		ADD			
LS		For earth connection (SD 74)	26.00	LS	26.00
		Total			8797.00
		Rate per each Rs.	8797.00		
		Say Rs.	8797.00		
SD 170					
Supply and fixing of 200A TPN sheet steel double break switch with HRC fuses and neutral on suitable angle iron frame work with MS cable entry boxes PWD earthing					
		From SD 168			11110.00
		LESS			
1	No.	100A TPN sheet steel double break switch with HRC fuse	5870.00	Each	5870.00
					5240.00
		ADD			
1	No.	200A TPN sheet double break switch	8320.00	Each	8320.00
		Total			13560.00
		Rate per each Rs.	13560.00		
		Say Rs.	13560.00		
SD 171					
Supply and fixing of 200A TPN sheet steel double break switch with HRC fuses and neutral on suitable angle iron frame work with MS cable entry boxes and with earth connection only					
		From SD 170			13560.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					11221.00
		ADD			
LS		For earth connection (SD 74)	26.00	LS	26.00
					11247.00
		Rate per each Rs.	11247.00		
		Say Rs.	11247.00		
SD 172					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 32A TPNMC switch on incoming and 3 Nos. 32A DPMC switch (front handle) as outgoing with suitable adoptor box with suitable MS cable entry box trunking boxes and internal connections on internal connections on suitable angle iron frame work with earth connection					
1	No.	32A TPNMC switch	1315.00	Each	1315.00
3	Nos.	32A DPMC switch (front handle)	855.00	Each	2565.00
8.775	Kg.	Angle iron frame 38mm x 38mm x 6mm (2.70 metre)	57.60	Kg.	505.44
1	No.	Cable entry box	64.50	Each	64.50
3	Nos.	MS trunking boxes	43.00	Each	129.00
LS		Earth connections (SD 74)	26.00	LS	26.00
3	Metre	Inter connection by 6 Sq.mm PVC copper wire	60.70	Metre	182.10
					4787.04
		Add 1% sundries, etc.			47.87
		Labour charges as per SD 159			2086.00
		Total			6920.91
		Rate per each Rs.	6920.91		
		Say Rs.	6921.00		
SD 173					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 16A per way with 32A TPNMC switch with suitable MS cable entry boxes trunking box and internal connections on suitable angle iron frame work with PWD earthing					
1	No.	32A TPNMC switch	1315.00	Each	1315.00
1	No.	3 phase 4 wire 4 way ICDB of 16A / way	1827.00	Each	1827.00
8.775	Kg.	Angle iron 38mm x 38mm x 6mm (2.70 metre)	57.60	Kg.	505.44
1	No.	Trunking box	43.00	Each	43.00
1	No.	PWD earthing	2339.00	Each	2339.00
1	Nos.	MS cable entry boxes	64.50	Each	64.50
					6093.94
		Add 1% sundries, etc.			60.94
		Labour charges as per SD 159			2086.00
		Total			8240.88
		Rate per each Rs.	8240.88		
		Say Rs.	8241.00		
SD 174					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 3 phase 4 wire 4 way ICDB of 16A per way with 32A TPNMC switch with suitable MS cable entry boxes trunking box and internal connections on suitable angle iron frame work with earth connection					
		From SD 173			8241.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					5902.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			5928.00
		Rate per each Rs.	5928.00		
		Say Rs.	5928.00		
SD 175					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32 Amps per way with 63A TPNMC switch with suitable trunking box MS cable entry and internal connection in suitable angle iron frame work with PWD earthing					
1	No.	63A TPNMC switch	2866.00	Each	2866.00
1	No.	3 phase 4 wire 4 way ICDB 32A way	2311.00	Each	2311.00
9.750	Kg.	Angle iron frame work (3 metre of 38mm x 38mm x 6mm)	57.60	Kg.	561.60
2	Nos.	MS / cable entry boxes	129.00	Each	258.00
1	No.	Trunking box	43.00	Each	43.00
1	No.	PWD earthing	2339.00	Each	2339.00
					8378.60
		Add 1% sundries, etc.			83.79
		Labour charges (4950 / 2)			2475.00
		Total			10937.39
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
3	Nos.	Wireman Grade-II	778.00	Each	2334.00
3	Nos.	Electrical Helper	611.00	Each	1833.00
					4950.00
		Rate per each Rs.	10937.39		
		Say Rs.	10937.00		
SD 176					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32A per way with 63A TPNMC switch with suitable trunking box MS cable entry boxes and internal connections on suitable angle iron frame work with earth connection only					
		From SD 175			10937.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					8598.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			8624.00
		Rate per each Rs.	8624.00		
		Say Rs.	8624.00		
SD 177					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32A per way with 100A, TPNMC switch with suitable trunking box MS cable entry boxes and internal connection on suitable angle iron frame work with PWD earthing					
		From SD 175			10937.00
		LESS			
1	No.	63A TPNMC switch	2866.00	Each	2866.00
					8071.00
		ADD			
1	No.	100A TPNMC switch	5643.00	Each	5643.00
		Total			13714.00
		Rate per each Rs.	13714.00		
		Say Rs.	13714.00		
SD 178					
Supply and fixing of 3 phase 4 wire 4 way ICDB of 32A per way with 100A TPNMC switch with suitable trunking box MS cable entry boxes and internal connection on suitable angle iron frame work with earth connection					
		From SD 177			13714.00
		LESS			
1	No.	PWD earthing	2339.00	Each	2339.00
					11375.00
		ADD			
LS		Earth connection (SD 74)	26.00	LS	26.00
		Total			11401.00
		Rate per each Rs.	11401.00		
		Say Rs.	11401.00		
SD 179					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of horizontal type 4 way triple pole neutral MCB distribution board in sheet steel enclosure double door (metal) with 40A 4 pole MCB isolater as incoming and 12 Nos. 6A to 32A SP MCB as outgoing in flush with wall and making good of the concealed portion with earth connection. The MCBDB and MCB's should be with the ISI mark (like standard make)					
1	No.	40A FP isolator (MCB)	580.00	Each	580.00
1	No.	4 way TPN MCBDB	1807.00	Each	1807.00
12	Nos.	6A to 32A SP MCB's	128.00	Each	1536.00
LS		Wall cutting, grouting and finishing	123.60	LS	123.60
1	No	Earth connection (SD 74)	26.00	Each	26.00
					4072.60
		Add 1% sundries, etc.			40.73
		Labour charges as per SD 159			2086.00
		Total			6199.33
		Rate per each Rs.	6199.33		
		Say Rs.	6199.00		
SD 180					
Supply and fixing of brass cable gland for 2 x 4 sq.mm. PVC LTUG armoured cable with earth connection					
1	No.	Brass cable gland for 2 x 4 sq.mm. LTUG cable	18.30	Each	18.30
LS		Clamps, bolt, nut, earth connection	7.80	LS	7.80
		Labour charges (2339 / 10)			233.90
		Total			260.00
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
2	Nos.	Wireman Grade-II	778.00	Each	1556.00
					2339.00
		Rate per each Rs.	260.00		
		Say Rs.	260.00		
SD 181					
Supply and fixing of brass cable gland for 2 x 6 sq.mm. PVC LTUG armoured cable with earth connection					
		From SD 180			260.00
		LESS			
1	No.	Brass cable gland for 2 x 4 sq.mm. LTUG cable	18.30	Each	18.30
					241.70
		ADD			
1	No.	Cable gland for 2 x 6 sq.mm. LTUG cable	22.90	Each	22.90
		Total			264.60
		Rate per each Rs.	264.60		
		Say Rs.	265.00		
SD 182					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of brass cable gland for 2 x 10 sq.mm. PVC armoured LTUG cable with earth connection					
		From SD 180			260.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. LTUG cable	18.30	Each	18.30
					241.70
		ADD			
1	No.	Cable gland for 2 x 10 sq.mm. LTUG cable	27.40	Each	27.40
		Total			269.10
		Rate per each Rs.	269.10		
		Say Rs.	269.00		
SD 183					
Supply and fixing of brass cable gland for 2 x 16 sq.mm. PVC armoured LTUG cable with earth connection					
		From SD 180			260.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. LTUG cable	18.30	Each	18.30
					241.70
		ADD			
1	No.	Cable gland for 2 x 16 sq.mm. LTUG cable	40.60	Each	40.60
		Total			282.30
		Rate per each Rs.	282.30		
		Say Rs.	282.00		
SD 184					
Supply and fixing of brass cable gland for 2 x 25 sq.mm. PVC LTUG armoured cable with earth connection					
		From SD 180			260.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. PVC cable	18.30	Each	18.30
					241.70
		ADD			
1	No.	Cable gland for 2 x 25 sq.mm. LTUG cable	48.45	Each	48.45
		Total			290.15
		Rate per each Rs.	290.15		
		Say Rs.	290.00		
SD 185					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of brass cable gland for 4 x 25 sq.mm. LTUG armoured cable with earth connection					
		From SD 180			260.00
		LESS			
1	No.	Cable gland for 2 x 4 sq.mm. LTUG cable	18.30	Each	18.30
					241.70
		ADD			
1	No.	Cable gland for 4 x 25 sq.mm. LTUG cable	48.45	Each	48.45
		Total			290.15
		Rate per each Rs.	290.15		
		Say Rs.	290.00		
SD 186					
Supply and fixing of brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable	48.45	Each	48.45
LS		Sundries such as clamps, bolts, nuts, earth connection	7.80	LS	7.80
		Labour charges as per SD 180 x 1.5 times			350.85
		Total			407.10
		Rate per each Rs.	407.10		
		Say Rs.	407.00		
SD 187					
Supply and fixing of brass cable gland for 3-1/2 x 35 sq.mm. PVC armoured LTUG cable with earth connection					
		From SD 186			407.00
		LESS			
1	No.	Brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable	48.45	Each	48.45
					358.55
		ADD			
1	No.	Brass cable gland for 3-1/2 x 35 sq.mm. armoured LTUG cable	61.70	Each	61.70
		Total			420.25
		Rate per each Rs.	420.25		
		Say Rs.	420.00		
SD 188					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and frxing of brass cable gland for 3-1/2 x 50 sq.mm. PVC armoured LTUG cable with earth connection					
		From SD 186			407.00
		LESS			
1	No.	Brass cable gland for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable	48.45	Each	48.45
					358.55
		ADD			
1	No.	Brass cable gland for 3-1/2 x 50 sq.mm. PVC armoured LTUG cable	61.70	Each	61.70
		Total			420.25
		Rate per each Rs.	420.25		
		Say Rs.	420.00		
SD 189					
Supply and fixing of brass cable gland for 3-1/2 x 70 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 70 sq.mm. LTUG cable	76.10	Each	76.10
LS		Sundries such as clamps, bolts, nuts, earth connection	9.00	LS	9.00
		Labour charges as per SD 180 x 2 times			467.80
		Total			552.90
		Rate per each Rs.	552.90		
		Say Rs.	553.00		
SD 190					
Supply and fixing of brass cable gland for 3-1/2 x 95 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 95 sq.mm. LTUG cable	92.90	Each	92.90
LS		Sundries such as clamps, bolts, nuts, earth connection	9.00	LS	9.00
		Labour charges as per SD 180 x 2 times			467.80
		Total			569.70
		Rate per each Rs.	569.70		
		Say Rs.	570.00		
SD 191					
Supply and fixing of brass cable gland for 3-1/2 x 120 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 120 sq.mm. LTUG cable	118.30	Each	118.30
LS		Sundries such as clamps, bolts, nuts, earth connection	9.00	LS	9.00
		Labour charges as per SD 180 x 2 times			467.80
		Total			595.10
		Rate per each Rs.	595.10		
		Say Rs.	595.00		
SD 192					

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and fixing of brass cable gland for 3-1/2 x 150 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 150 sq.mm. LTUG cable	155.70	Each	155.70
LS		Sundries such as clamps, bolts, nuts, earth connection	9.00	LS	9.00
		Labour charges as per SD 180 x 2 times			467.80
		Total			632.50
		Rate per each Rs.	632.50		
		Say Rs.	633.00		
SD 193					
Supply and fixing of brass cable gland for 3-1/2 x 185 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland for 3-1/2 x 185 sq.mm. LTUG cable	184.20	Each	184.20
LS		Sundries such as clamps, bolts, nuts, earth connection	13.70	LS	13.70
		Labour charges as per SD 180 x 2 times			467.80
		Total			665.70
		Rate per each Rs.	665.70		
		Say Rs.	666.00		
SD 194					
Supply and fixing of brass cable gland for 3-1/2 x 240 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland 3-1/2 x 240 sq. mm. PVC LTUG armoured cable	184.20	Each	184.20
LS		Sundries such as clamps, bolts, nuts, earth connection.	13.70	LS	13.70
		Labour charges as per SD 180 x 2.5 times			584.75
		Total			782.65
		Rate per each Rs.	782.65		
		Say Rs.	783.00		
SD 195					
Supply and fixing of brass cable gland for 3-1/2 x 300 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland 3-1/2 x 300 sq.mm PVC LTUG armoured cable	219.90	Each	219.90
LS		Sundries such as clamps, bolts, nuts, earth connection.	13.70	LS	13.70
		Labour charges as per SD 180 x 2.5 times			584.75

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		Total			818.35
		Rate per each Rs.	818.35		
		Say Rs.	818.00		
SD 196					
Supply and fixing of brass cable gland for 3-1/2 x 400 sq.mm. PVC armoured LTUG cable with earth connection					
1	No.	Brass cable gland 3-1/2 x 400 sq.mm. PVC LTUG armoured cable	313.00	Each	313.00
LS		Sundries such as clamps, bolts, nuts, earth connection.	13.70	LS	13.70
		Labour charges as per SD 180 x 2.5 times			584.75
		Total			911.45
		Rate per each Rs.	911.45		
		Say Rs.	911.00		
COMMON DATA					
Supply and laying of the following size of PVC armoured LTUG cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 metre layer of sand and covering the three sides of the cable with bricks and refilling the earth to make good					
A		Charges for transportation, stretching and laying of the cable for 90 metre			
1	No.	Electrical Maistry	898.00	Each	898.00
6	Nos.	Electrical Helper	611.00	Each	3666.00
					4564.00
		Incidental charges 0.5%			22.82
					4586.82
		Rate per metre = Rs. 4586.82/90		50.96	
		Say			51.00
1		For 2 x 4 sq.mm., 2 x 6 sq.mm., 2 x 10 sq.mm., 2 x 6 sq.mm., 2 x 25 sq.mm., 4 x 6 sq.mm., 4 x 10 sq.mm., 4 x 16 sq.mm. The rate is 51.00		51.00	
2		For 3-1/2 x 25 sq.mm., 3-1/2 x 35, 3-1/2 x 50 sq.mm. The rate is (1.5 x 51.00)		76.50	
3		3-1/2 x 70 sq.mm., 3-1/2 x 95 sq.mm., 3-1/2 x 120 sq.mm., 3-1/2 x 150 sq.mm., 3-1/2 x 185 sq.mm. and 3-1/2 x 225 sq.mm. (2 x 51.00)		102.00	
B (a)		Charges for excavation of earth, quantity of earth to be excavated = 1 metre (length) x 0.30 metre (width) x 0.75 metre (depth)			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		As the width of 30cm is practically not possible to carry out the excavation a minimum width of 45cm is taken			
		Hence actual value of excavation = 1 metre x 0.45 x 0.75 = 0.3375 cubic metre			
		Rate for excavation for / cum. Rs.108.90, since it is narrow excavation double the rates are permissible			
		Page No.23 / Sl. No.41 Sch. Item No. 67 of Annexure-III - Rates of Works of SOR, 2021-2022	158.20		
		Therefore excavation charges 0.3375 x 158.20	53.39		
				53.40	
(b)		Charges for sand filling			
		Quantity of sand required = 1 metre (length) x 0.3 metre (width) x 0.15 metre (depth) (1 X 0.3 X 0.15)	0.045	cum.	
		For covering the bricks etc	0.015	cum.	
			0.060	cum.	
1	cum.	Cost of filling sand at site average rate for city (877.70 x 0.06) (Page No.17 / Sl. No.71 Sch. Item No. 60 of Anneure-II - Rates of Materials of SOR, 2021-2022)			52.66
(c)		Cost of brick			
		Total No. of bricks required for one metre length:			
		Brick size 9" x 4-3/8 x 2-3/4" on side	4.30	Nos.	
		23cm x 11.4cm x 7.6 cm II side	4.30	Nos.	
		Top side	8.60	Nos.	
			17.20	Nos.	
		Cost of bricks at site 1000 Nos. (Page No.14 / Sl. No.2 Sch Item No. 2B of Anneure-II - Rates of Materials of SOR, 2021-2022)	7585.00		
		Transport charges	533.35		
		Loading and unloading charges (Page No.23 / Note-2 of of Anneure-II - Rates of Materials of SOR, 2021-2022)	0.00		
			8118.35		
		Rate per bricks for 17.20 Nos. 8118.35 / 1000 x 17.20 = Rs.139.64	139.64		
		Say		139.64	
(d)		Re-filling of earth:			
		Quantity of refilling of earth required = 1 metre x 0.45 x (0.75 - 0.30D) 1 x 0.45 x 0.45 = 0.2025 cum. (Page No.23 / Sl. No.47 Sch.Item No. 85 of Annexure-III - Rates of Works of SOR, 2022-2023)			
		Rate for refilling / cum. = 36.95	36.95		
		Therefore 0.2025 / cum. = 36.95 x 0.2025		7.48	
		Cost of excavation, sand, bricks and refilling			
	a	Excavation of earth	53.40		
	b	Sand filling	52.66		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
	c	Cost of bricks	139.64		
	d	Refilling the earth	7.48		
		Total	253.18		
SD 197					
Supply and laying of 2 x 6 sq.mm PVC armoured LTUG cable in a trench to be excavated at a depth of 0.75 metre putting 0.15 metre layer of sand and covering the cable completely with bricks and sand and refilling the earth to make good					
1	Metre	2 x 6 sq.mm PVC armoured LTUG Cable	97.90	Metre	97.90
1	Metre	Excavation of earth	53.40	Metre	53.40
1	Metre	Filling with 15cm sand	52.66	Metre	52.66
1	Metre	Cost of bricks	139.64	Metre	139.64
1	Metre	Refilling the earth	7.48	Metre	7.48
1	Metre	Labour charges for laying the bricks and cable	51.00	Metre	51.00
		Total			402.08
		Rate per metre Rs.	402.08		
		Say Rs.	402.00		
SD 198					
Same as SD 197, except 2 x 10 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
					304.10
		ADD			
1	Metre	2 x 10 sq.mm. PVC armoured LTUG cable	119.20	Metre	119.20
		Total			423.30
		Rate per metre Rs.	423.30		
		Say Rs.	423.00		
SD 199					
Same as SD 197, except 2 x 16 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
					304.10
		ADD			
1	Metre	2 x 16 sq.mm. PVC armoured LTUG cable	129.40	Metre	129.40
		Total			433.50
		Rate per metre Rs.	433.50		
		Say Rs.	434.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 200					
Same as SD 197, except 2 x 25 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
					304.10
		ADD			
1	Metre	2 x 25 sq.mm. PVC armoured LTUG cable	146.90	Metre	146.90
		Total			451.00
		Rate per metre Rs.	451.00		
		Say Rs.	451.00		
SD 201					
Same as SD 197, except 4 x 6 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
					304.10
		ADD			
1	Metre	4 x 6 sq.mm. PVC armoured LTUG cable	126.90	Metre	126.90
		Total			431.00
		Rate per metre Rs.	431.00		
		Say Rs.	431.00		
SD 202					
Same as SD 197, except 4 x 10 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
					304.10
		ADD			
1	Metre	4 x 10 sq.mm. PVC armoured LTUG cable	139.10	Metre	139.10
		Total			443.20
		Rate per metre Rs.	443.20		
		Say Rs.	443.00		
SD 203					
Same as SD 197, except 4 x 16 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
					304.10
		ADD			
1	Metre	4 x 16 sq.mm. PVC armoured LTUG cable	183.20	Metre	183.20
		Total			487.30
		Rate per metre Rs.	487.30		
		Say Rs.	487.00		
SD 204					
Same as per SD 197, except for 3-1/2 x 25 sq.mm. PVC armoured LTUG cable					
		From SD 197			402.00
		LESS			
1	Metre	2 x 6 sq.mm. PVC armoured LTUG cable	97.90	Metre	97.90
1	Metre	Laying charges	51.00	Metre	51.00
					148.90
		ADD			253.10
1	Metre	3-1/2 x 25 sq.mm. PVC armoured LTUG cable	221.60	Metre	221.60
1	Metre	Laying charges (51.00 x 1.50 = 76.50)	76.50	Metre	76.50
					298.10
		Total			551.20
		Rate per metre Rs.	551.20		
		Say Rs.	551.00		
SD 205					
Same as per SD 197, except for 3-1/2 x 35 sq.mm. PVC armoured LTUG cable					
		From SD 204			551.00
		LESS			
1	Metre	3-1/2 x 25 sq.mm. PVC armoured LTUG cable	221.60	Metre	221.60
					329.40
		ADD			
1	Metre	3-1/2 x 35 sq.mm PVC armoured LTUG cable	260.90	Metre	260.90
		Total			590.30
		Rate per metre Rs.	590.30		
		Say Rs.	590.00		
SD 206					
Same as per SD 197, except for 3-1/2 x 50 sq.mm. PVC armoured LTUG cable					
		From SD 205			590.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	3-1/2 x 35 sq.mm. PVC armoured LTUG cable	260.90	Metre	260.90
					329.10
		ADD			
1	Metre	3-1/2 x 50 sq.mm. PVC armoured LTUG cable	339.80	Metre	339.80
		Total			668.90
		Rate per metre Rs.	668.90		
		Say Rs.	669.00		
SD 207					
Same as per SD 197, except for 3-1/2 x 70 sq.mm. PVC armoured LTUG cable					
		From SD 206			669.00
		LESS			
1	Metre	3-1/2 x 50 sq.mm. PVC armoured LTUG cable	339.80	Metre	339.80
1	Metre	Laying charges	76.50	Metre	76.50
					416.30
		ADD			252.70
1	Metre	3-1/2 x 70 sq.mm. PVC armoured LTUG cable	436.00	Metre	436.00
1	Metre	Laying charges (51.00 x 2)	102.00	Metre	102.00
		Total			538.00
		Rate per metre Rs.	790.70		790.70
		Say Rs.	791.00		
SD 208					
Same as per SD 197, except for 3-1/2 x 95 sq.mm. PVC armoured LTUG cable					
		From SD 207			791.00
		LESS			
1	Metre	3-1/2 x 70 sq.mm. PVC armoured LTUG cable	436.00	Metre	436.00
					355.00
		ADD			
1	Metre	3-1/2 x 95 sq.mm. PVC armoured LTUG cable	564.00	Metre	564.00
		Total			919.00
		Rate per metre Rs.	919.00		
		Say Rs.	919.00		
SD 209					
Same as per SD 197, except for 3-1/2 x 120 sq.mm. PVC armoured LTUG cable					
		From SD 208			919.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	3-1/2 x 95 sq.mm. PVC armoured LTUG cable	564.00	Metre	564.00
					355.00
		ADD			
1	Metre	3-1/2 x 120 sq.mm. PVC armoured LTUG cable	689.00	Metre	689.00
		Total			1044.00
		Rate per metre Rs.	1044.00		
		Say Rs.	1044.00		
SD 210					
Same as per SD 197, except for 3-1/2 x 150 sq.mm. PVC armoured LTUG cable					
		From SD 209			1044.00
		LESS			
1	Metre	3-1/2 x 120 sq.mm. PVC armoured LTUG cable	689.00	Metre	689.00
					355.00
		ADD			
1	Metre	3-1/2 x 150 sq.mm. PVC armoured LTUG cable	816.00	Metre	816.00
		Total			1171.00
		Rate per metre Rs.	1171.00		
		Say Rs.	1171.00		
SD 211					
Same as per SD 197, except for 3-1/2 x 185 sq.mm. PVC armoured LTUG cable					
		From SD 210			1171.00
		LESS			
1	Metre	3-1/2 x 150 sq.mm. PVC armoured LTUG cable	816.00	Metre	816.00
					355.00
		ADD			
1	Metre	3-1/2 x 185 sq.mm. PVC armoured LTUG cable	996.00	Metre	996.00
		Total			1351.00
		Rate per metre Rs.	1351.00		
		Say Rs.	1351.00		
SD 212					
Same as per SD 197, except for 3-1/2 x 240 sq.mm. PVC armoured LTUG cable					
		From SD 211			1351.00
		LESS			
1	Metre	3-1/2 x 185 sq.mm. PVC armoured LTUG cable	996.00	Metre	996.00
1	Metre	Laying charges	102.00	Metre	102.00
					1098.00

Quantity	Unit	Description	Rate in Rs.	Per		Amount in Rs.
		ADD				253.00
1	Metre	3-1/2 x 240 sq.mm. PVC armoured LTUG cable	1263.00	Metre	1263.00	
1	Metre	Laying charges (51.00 x 2.5)	127.50	Metre	127.50	
						1390.50
		Total				1643.50
		Rate per metre Rs.	1643.50			
		Say Rs.	1644.00			
SD 213						
Same as per SD 197, except for 3-1/2 x 300 sq.mm. PVC armoured LTUG cable						
		From SD 212				1644.00
		LESS				
1	Metre	3-1/2 x 240 sq.mm. PVC armoured LTUG cable	1263.00	Metre		1263.00
						381.00
		ADD				
1	Metre	3-1/2 x 300 sq.mm. PVC armoured LTUG cable	1550.00	Metre		1550.00
		Total				1931.00
		Rate per metre Rs.	1931.00			
		Say Rs.	1931.00			
SD 214						
Same as per SD 197, except for 3-1/2 x 400 sq.mm. PVC armoured LTUG cable						
		From SD 213				1931.00
		LESS				
1	Metre	3-1/2 x 300 sq.mm. PVC armoured LTUG cable	1550.00	Metre		1550.00
						381.00
		ADD				
1	Metre	3-1/2 x 400 sq.mm. PVC armoured LTUG cable	1977.00	Metre		1977.00
		Total				2358.00
		Rate per metre Rs.	2358.00			
		Say Rs.	2358.00			
COMMON DATA						
A	Supply and clamping including transport charges of UG cables					
1	No.	Electrical Maistry	898.00	Each	898.00	
2	Nos.	Wireman Grade-I	783.00	Each	1566.00	
3	Nos.	Wireman Grade-II	778.00	Each	2334.00	
4	Nos.	Electrical Helper	611.00	Each	2444.00	
					7242.00	
		Charge / Metre (7242/ 45)	160.93			
		Say	160.90			

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
(i)		For 2 x 4 sq.mm., 2 x 6 sq.mm., 2 x 10 sq.mm., 2 x 16 sq.mm., 2 x 25 sq.mm., 4 x 4 sq.mm., 4 x 6 sq.mm., 4 x 10 sq.mm. and 4 x 16 sq.mm.			160.90
(ii)		For 3-1/2 x 25 sq.mm., 3-1/2 x 35 sq.mm., 3-1/2 x 50 sq.mm., 3-1/2 x 70 sq.mm. and 3-1/2 x 95 sq.mm. (146.40 x 1.25)			201.10
(iii)		For 3-1/2 x 120 sq.mm., 3-1/2 x 150 sq.mm., 3-1/2 x 185 sq.mm., 3-1/2 x 225 sq.mm., 3-1/2 x 300 sq.mm., 3-1/2 x 240 sq.mm. and 3-1/2 x 400 sq.mm. (146.40 x 1.5)			241.35
B		MS clamps and saddles			
150	Sets	MS clamps, saddles, complete for clamping 90 metre cable	3.93	Set	589.50
		LS for sundries, plugs, screws, etc			200.40
					789.90
		Rate per metre = 789.90 / 90		8.78	
		This is for 2 x 4 sq.mm., 2 x 6 sq.mm., 2 x 10 sq.mm., 2 x 16 sq.mm., 2 x 25 sq.mm., 4 x 6 sq.mm., 4 x 10 sq.mm. and 4 x 16 sq.mm.			
150	Sets	Clamps, saddles, complete for 90 metre cable	4.32	Set	648.00
		LS for sundries, plugs, screws etc			200.40
					848.40
		Rate per metre = 848.40 / 90		9.43	
		This is for 3-1/2 x 25 sq.mm., 3-1/2 x 35 sq.mm., 3-1/2 x 50 sq.mm., 3-1/2 x 70 sq.mm. and 3-1/2 x 95 sq.mm.			
150	Sets	Clamps, saddles, complete for 90 metre cable	4.97	Set	745.50
		LS for sundries, plugs, screws etc			230.10
					975.60
		Rate per metre = 975.60 / 90		10.84	
		This is for 3-1/2 x 120 sq.mm., 3-1/2 x 150 sq.mm., 3-1/2 x 185 sq.mm., 3-1/2 x 240 sq.mm., 3-1/2 x 300 sq.mm and 3-1/2 x 400 sq.mm. cable			
SD 215					
Supply and clamping of 2 x 6 sq.mm. PVC LTUG armoured cable on post or on wall with MS clamps					
1	Metre	2 x 6 sq.mm. LTUG cable	97.90	Metre	97.90
1	Metre	MS clamp saddles	8.78	Metre	8.78
		Labour charges			160.90
		Total			267.58
		Rate per metre Rs.	267.58		
		Say Rs.	268.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 216					
Same as SD 209, except 2 x 10 sq.mm. PVC LTUG armoured cable					
		From SD 215			268.00
		LESS			
1	Metre	2 x 6 sq.mm. LTUG cable	97.90	Metre	97.90
					170.10
		ADD			
1	Metre	2 x 10 sq.mm LTUG cable	119.20	Metre	119.20
		Total			289.30
		Rate per metre Rs.	289.30		
		Say Rs.	289.00		
SD 217					
Same as SD 209, except 2 x 16 sq.mm. PVC LTUG armoured cable					
		From SD 216			289.00
		LESS			
1	Metre	2 x 10 sq.mm. LTUG cable	119.20	Metre	119.20
					169.80
		ADD			
1	Metre	2 x 16 sq.mm. LTUG cable	129.40	Metre	129.40
		Total			299.20
		Rate per metre Rs.	299.20		
		Say Rs.	299.00		
SD 218					
Same as SD 209, except 2 x 25 sq.mm. PVC LTUG armoured cable					
		From SD 217			299.00
		LESS			
1	Metre	2 x 16 sq.mm. LTUG cable	129.40	Metre	129.40
					169.60
		ADD			
1	Metre	2 x 25 sq.mm. LTUG cable	146.90	Metre	146.90
		Total			316.50
		Rate per metre Rs.	316.50		
		Say Rs.	317.00		
SD 219					
Same as SD 209, except 4 x 6 sq.mm. PVC LTUG armoured cable					
		From SD 218			317.00

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
		LESS			
1	Metre	2 x 25 sq.mm. LTUG cable	146.90	Metre	146.90
					170.10
		ADD			
1	Metre	4 x 6 sq.mm. LTUG cable	126.90	Metre	126.90
		Total			297.00
		Rate per metre Rs.	297.00		
		Say Rs.	297.00		
SD 220					
Same as SD 209, except 4 x 10 sq.mm. PVC LTUG armoured cable					
		From SD 219			297.00
		LESS			
1	Metre	4 x 6 sq.mm. LTUG cable	126.90	Metre	126.90
					170.10
		ADD			
1	Metre	4 x 10 sq.mm. LTUG cable	139.10	Metre	139.10
		Total			309.20
		Rate per metre Rs.	309.20		
		Say Rs.	309.00		
SD 221					
Same as SD 209, except 4 x 16 sq.mm. PVC LTUG armoured cable					
		From SD 220			309.00
		LESS			
1	Metre	4 x 10 sq.mm. LTUG cable	139.10	Metre	139.10
					169.90
		ADD			
1	Metre	4 x 16 sq.mm. LTUG cable	183.20	Metre	183.20
		Total			353.10
		Rate per metre Rs.	353.10		
		Say Rs.	353.00		
SD 222					
Same as SD 209, except 3-1/2 x 25 sq.mm. PVC LTUG armoured cable					
1	Metre	3-1/2 x 25 sq.mm. LTUG cable	221.60	Metre	221.60
1	Set	MS Clamps, saddles	9.43	Set	9.43
		Labour charges			201.10
		Total			432.13
		Rate per metre Rs.	432.13		
		Say Rs.	432.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 223					
Same as SD 209, except 3-1/2 x 35 sq.mm. PVC LTUG armoured cable					
		From SD 222			432.00
		LESS			
1	Metre	3-1/2 x 25 sq.mm. LTUG cable	221.60	Metre	221.60
					210.40
		ADD			
1	Metre	3-1/2 x 35 sq.mm. LTUG cable	260.90	Metre	260.90
		Total			471.30
		Rate per metre Rs.	471.30		
		Say Rs.	471.00		
SD 224					
Same as SD 209, except 3-1/2 x 50 sq.mm. PVC LTUG armoured cable					
		From SD 223			471.00
		LESS			
1	Metre	3-1/2 x 35 sq.mm. LTUG cable	260.90	Metre	260.90
					210.10
		ADD			
1	Metre	3-1/2 x 50 sq.mm. LTUG cable	339.80	Metre	339.80
		Total			549.90
		Rate per metre Rs.	549.90		
		Say Rs.	550.00		
SD 225					
Same as SD 209, except 3-1/2 x 70 sq.mm. PVC LTUG armoured cable					
		From SD 224			550.00
		LESS			
1	Metre	3-1/2 x 50 sq.mm. LTUG cable	339.80	Metre	339.80
					210.20
		ADD			
1	Metre	3-1/2 x 70 sq.mm. LTUG cable	436.00	Metre	436.00
		Total			646.20
		Rate per metre Rs.	646.20		
		Say Rs.	646.00		
SD 226					
Same as SD 209, except 3-1/2 x 95 sq.mm. PVC LTUG armoured cable					
		From SD 225			646.00
		LESS			
1	Metre	3-1/2 x 70 sq.mm. LTUG cable	436.00	Metre	436.00
					210.00
		ADD			

Quan- tity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	Metre	3-1/2 x 95 sq.mm. LTUG cable	564.00	Metre	564.00
		Total			774.00
		Rate per metre Rs.	774.00		
		Say Rs.	774.00		
SD 227					
Same as SD 209, except 3-1/2 x 120 sq.mm. PVC LTUG armoured cable					
1	Metre	3-1/2 x 120 sq.mm. LTUG cable	689.00	Metre	689.00
1	Set	MS clamps, saddles etc	10.84	Set	10.84
		Labour charges			241.35
		Total			941.19
		Rate per metre Rs.	941.19		
		Say Rs.	941.00		
SD 228					
Same as SD 209, except 3-1/2 x 150 sq.mm. PVC LTUG armoured cable					
		From SD 227			941.00
		LESS			
1	Metre	3-1/2 x 120 sq.mm. LTUG cable	689.00	Metre	689.00
					252.00
		ADD			
1	Metre	3-1/2 x 150 sq.mm. LTUG cable	816.00	Metre	816.00
		Total			1068.00
		Rate per metre Rs.	1068.00		
		Say Rs.	1068.00		
SD 229					
Same as SD 209, except 3-1/2 x 185 sq.mm. PVC LTUG armoured cable					
		From SD 228			1068.00
		LESS			
1	Metre	3-1/2 x 150 sq.mm. LTUG cable	816.00	Metre	816.00
					252.00
		ADD			
1	Metre	3-1/2 x 185 sq.mm. LTUG cable	996.00	Metre	996.00
		Total			1248.00
		Rate per metre Rs.	1248.00		
		Say Rs.	1248.00		
SD 230					
Same as SD 209, except 3-1/2 x 240 sq.mm. PVC LTUG armoured cable					
		From SD 229			1248.00
		LESS			


Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
1	Metre	3-1/2 x 185 sq.mm. LTUG cable	996.00	Metre	996.00
					252.00
		ADD			
1	Metre	3-1/2 x 240 sq.mm. LTUG cable	1263.00	Metre	1263.00
		Total			1515.00
		Rate per metre Rs.	1515.00		
		Say Rs.	1515.00		
SD 231					
Same as SD 209, except 3-1/2 x 300 sq.mm. PVC LTUG armoured cable					
		From SD 230			1515.00
		LESS			
1	Metre	3-1/2 x 240 sq.mm. LTUG cable	1263.00	Metre	1263.00
					252.00
		ADD			
1	Metre	3-1/2 x 300 sq.mm. LTUG cable	1550.00	Metre	1550.00
		Total			1802.00
		Rate per metre Rs.	1802.00		
		Say Rs.	1802.00		
SD 232					
Same as SD 209, except 3-1/2 x 400 sq.mm. PVC LTUG armoured cable					
		From SD 231			1802.00
		LESS			
1	Metre	3-1/2 x 300 sq.mm. LTUG cable	1550.00	Metre	1550.00
					252.00
		ADD			
1	Metre	3-1/2 x 400 sq.mm. LTUG cable	1977.00	Metre	1977.00
		Total			2229.00
		Rate per metre Rs.	2229.00		
		Say Rs.	2229.00		
SD 233					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Earthing as per the ISI specification with an earth electrode of 2.10 metre Class 'B' GI pipe of dia not less than 40mm with copper earth plate of size 125mm x 50mm x 6mm with necessary funneling arrangements with necessary masonry work and with 38mm RCC cover slab for the brick masonry					
2.1	Metre	Class 'B' GI pipe 40mm	163.00	Metre	342.30
0.15	Metre	Class 'B' GI pipe 19mm	98.60	Metre	14.79
1	No.	Funnel with wire mesh of 12.50cm dia (MR)	24.10	Each	24.10
1	No.	Copper plate 125mm x 50mm x 6 mm (0.36 Kg.)	562.00	Kg.	202.32
1	No.	Reducer 40 x 20mm(MR)	51.00	Each	51.00
3	No.	19mm GI check nuts(MR)	3.80	Each	11.40
1	Bag	Charcoal(MR)	101.70	Bag	101.70
10	Kg.	Common salt(MR)	3.70	Kg.	37.00
LS		Brick masonry(MR)	363.00	LS	363.00
1	No.	38mm thick RCC cover for the brick masonry(MR)	148.60	Each	148.60
					1296.21
		Add 1% sundries, etc.			12.96
		Labour charges			1394.00
		Total			2703.17
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
1	No.	Electrical Helper	611.00	Each	611.00
					1394.00
		Rate per each Rs.	2703.17		
		Say Rs.	2703.00		
SD 234					
Earthing as per PWD standard with an earth electrode of 2 metre Class 'B' GI pipe of dia not less than 32mm complete with necessary masonry work					
2	Metre	Class 'B' GI pipe 32mm (1-1/4")	151.40	Metre	302.80
1	Bag	Charcoal(MR)	101.70	Bag	101.70
9	Kg.	Common salt(MR)	3.70	Kg.	33.30
0.5	Kg.	GI wire No. 8 or No.6 SWG	101.50	Kg.	50.75
LS		Masonry works(MR)	447.00	LS	447.00
					935.55
		Add 1% sundries, etc.			9.36
		Labour charges			1394.00
		Total			2338.91
		LABOUR DETAILS			
1	No.	Wireman Grade-I	783.00	Each	783.00
1	No.	Electrical Helper	611.00	Each	611.00
					1394.00
		Rate per point Rs.	2338.91		
		Say Rs.	2339.00		
SD 235					

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
Supply and providing cable end termination of 3-1/2 x 25 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 25 sq.mm. cable	3.15	Each	9.45
1	No.	Aluminium socket for 3-1/2 x 16 sq.mm. cable	2.05	Each	2.05
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	305.10	LS	305.10
LS		Add 1% sundries such as insulation tape etc		LS	3.17
		Total			319.77
		Rate per each Rs.	319.77		
		Say Rs.	320.00		
SD 236					
Supply and providing cable end termination of 3-1/2 x 35 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 35 sq.mm. cable	4.15	Each	12.45
1	No.	Aluminium socket for 3-1/2 x 25 sq.mm cable	3.15	Each	3.15
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	305.10	LS	305.10
LS		Add 1% sundries such as insulation tape etc		LS	3.21
		Total			323.91
		Rate per each Rs.	323.91		
		Say Rs.	324.00		
SD 237					
Supply and providing cable end termination of 3-1/2 x 50 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 50 sq.mm. cable	6.25	Each	18.75
1	No.	Aluminium socket for 3-1/2 x 25 sq.mm. cable	3.15	Each	3.15
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection(MR)	305.10	LS	305.10
LS		Add 1% sundries such as insulation tape etc		LS	3.27
		Total			330.27
		Rate per each Rs.	330.27		
		Say Rs.	330.00		
SD 238					
Supply and providing cable end termination of 3-1/2 x 70 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 70 sq.mm. cable	8.30	Each	24.90
1	No.	Aluminium socket for 3-1/2 x 35 sq.mm. cable	4.15	Each	4.15

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	305.10	LS	305.10
LS		Add 1% sundries such as insulation tape etc		LS	3.34
		Total			337.49
		Rate for Each	337.49		
		Say Rs.	337.00		
SD 239					
Supply and providing cable end termination of 3-1/2 x 95 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 95 sqmm cable	9.50	Each	28.50
1	No.	Aluminium socket for 3-1/2 x 50 sqmm cable	6.25	Each	6.25
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	457.70	LS	457.70
LS		Add 1% sundries such as insulation tape etc		LS	4.92
		Total			497.37
		Rate per each Rs.	497.37		
		Say Rs.	497.00		
SD 240					
Supply and providing cable end termination of 3-1/2 x 120 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 120 sq.mm. cable	12.70	Each	38.10
1	No.	Aluminium socket for 3-1/2 x 70 sq.mm. cable	8.30	Each	8.30
LS		Labour charges for crimping and making and termination etc., including hire charges for crimping tools and electrical connection (MR)	457.70	LS	457.70
LS		Add 1% sundries such as insulation tape etc		LS	5.04
		Total			509.14
		Rate per each Rs.	509.14		
		Say Rs.	509.00		
SD 241					
Supply and providing cable end termination of 3-1/2 x 150 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc., with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 150 sq.mm. cable	16.95	Each	50.85
1	No.	Aluminium socket for 3-1/2 x 95 sq.mm. cable	9.50	Each	9.50
LS		Labour charges for crimping and making and termination, etc., including hire charges for crimping tools and electrical connection (MR)	457.70	LS	457.70
LS		Add 1% sundries such as insulation tape etc		LS	5.18
		Total			523.23
		Rate per each Rs.	523.23		
		Say Rs.	523.00		

Quantity	Unit	Description	Rate in Rs.	Per	Amount in Rs.
SD 242					
Supply and providing cable end termination of 3-1/2 x 185 sq.mm. PVC LTUG aluminium armoured cable with necessary aluminium cable sockets by crimping etc with electrical connection complete					
3	Nos.	Aluminium sockets for 3-1/2 x 185 sq.mm. cable	22.10	Each	66.30
1	No.	Aluminium socket for 3-1/2 x 95 sq.mm. cable	9.50	Each	9.50
LS		Labour charges for crimping and making and termination, etc., including hire charges for crimping tools and electrical connection(MR)	457.70	LS	457.70
LS		Add 1% sundries such as insulation tape etc		LS	5.34
		Total			538.84
		Rate per each Rs.	538.84		
		Say Rs.	539.00		
NOTE					
THE STANDARD DATA BOOK ELECTRICAL FOR THE YEAR, 2022-2023 IS BASED ON THE STANDARD SCHEDULE OF RATES WITH BASIC RATES (EXCULDINGS GST & OTHER TAXES) (FOR BASIC ITEMS ONLY) APPROVED BY THE ENGINEER-IN-CHIEF, CHIEF ENGINEER (GENERAL) & CHIEF ENGINEER, CHENNAI REGION, PWD, CHEPAUK, CHENNAI-5 VIDE PROCEEDINGS No.HDO (A) / 18064 / 2022-1, DATED 19.07.2022.					


 ENGINEER-IN-CHIEF, CHIEF ENGINEER
 (GENERAL) & CHIEF ENGINEER, CHENNAI
 REGION, PWD, CHENNAI-5.


 19/7/22


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